

Figure 1

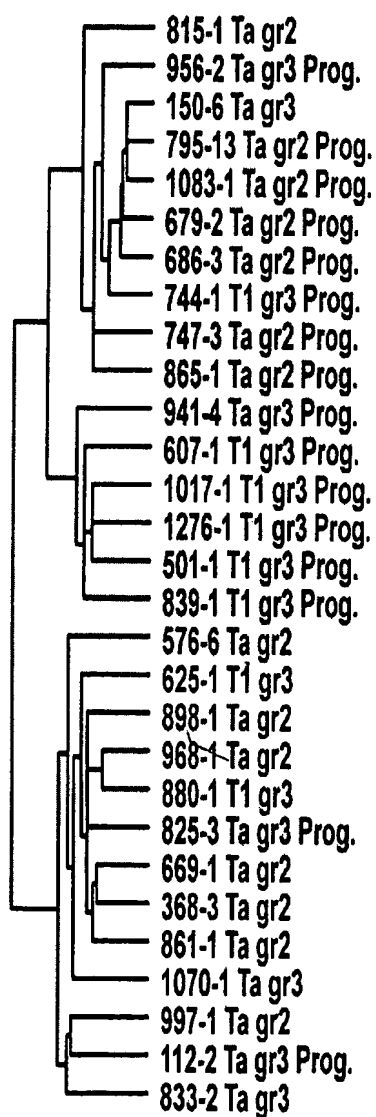


Figure 2

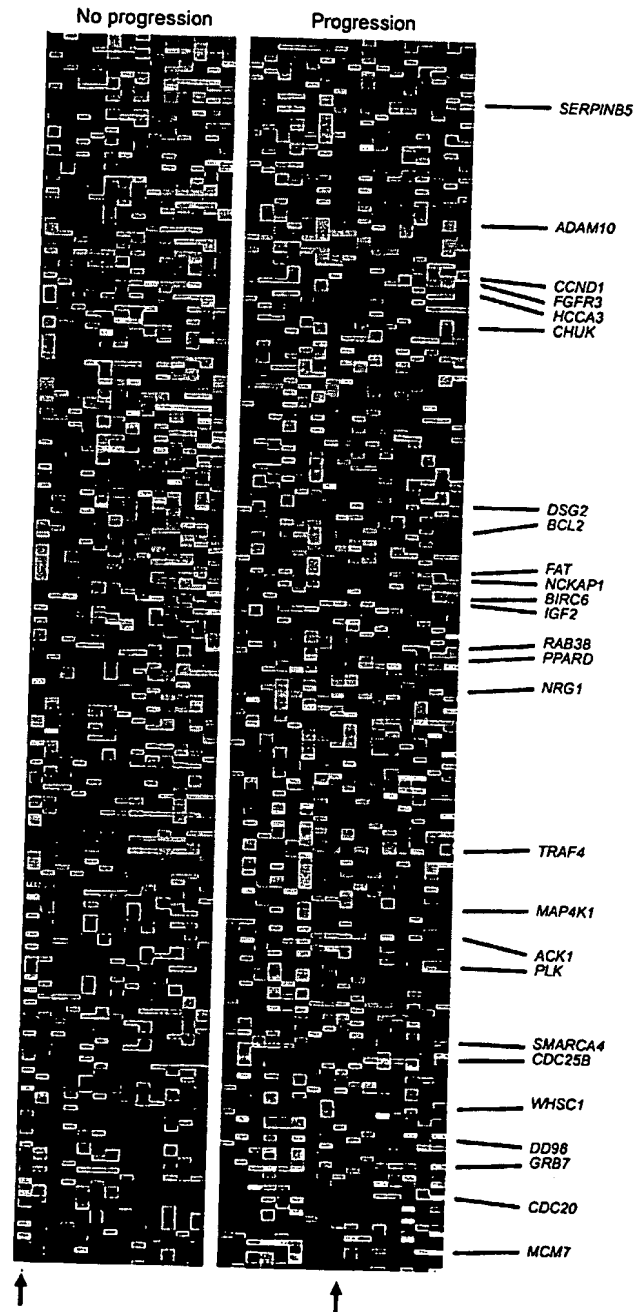


Figure 3

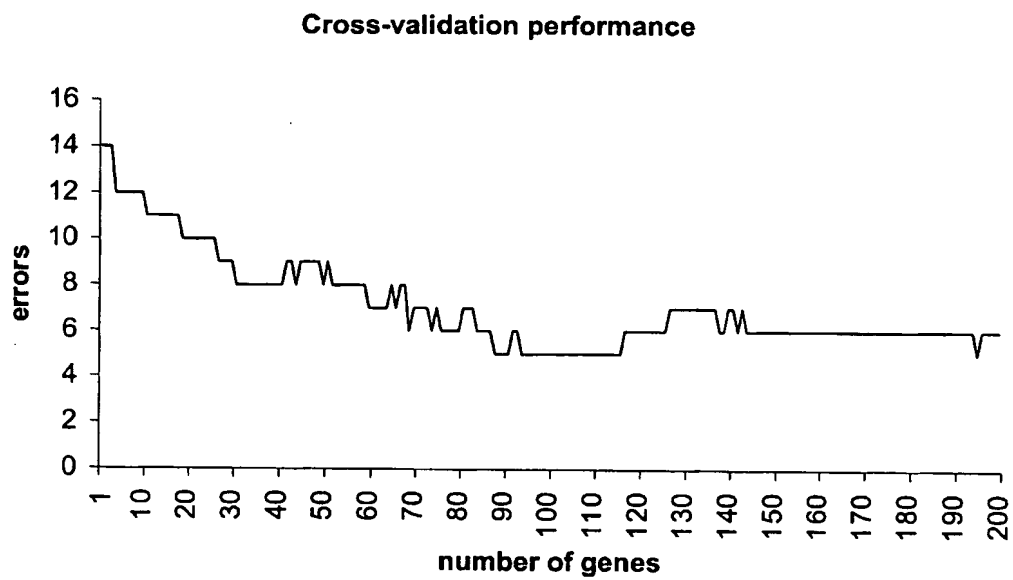


Figure 4

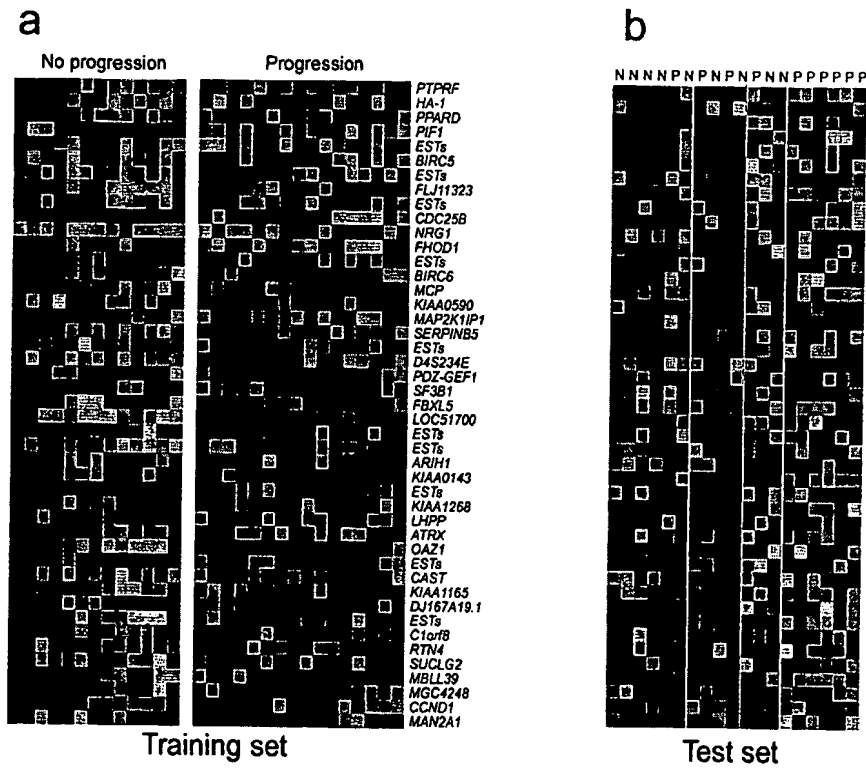


Figure 5

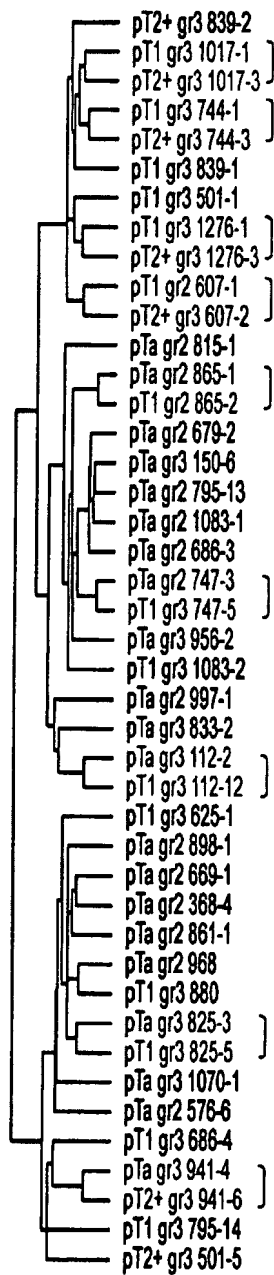


Figure 6

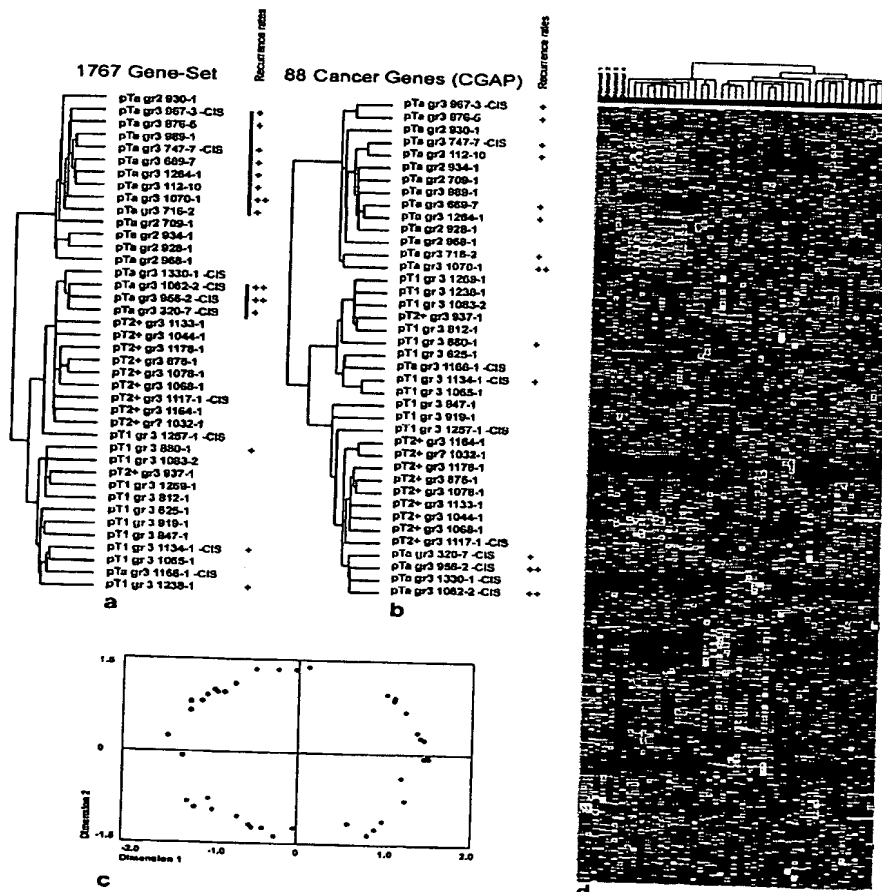


Figure 8

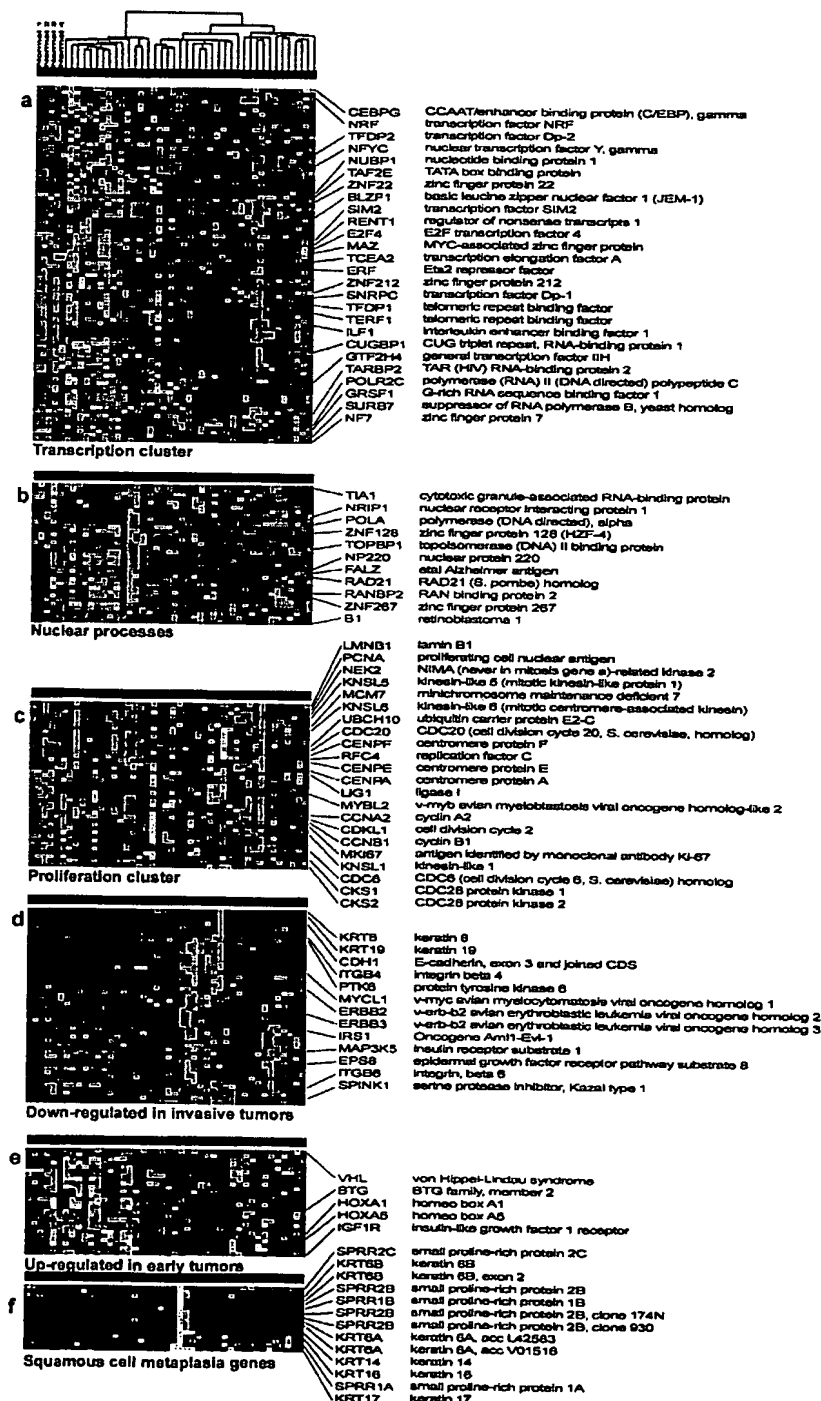


Figure 8

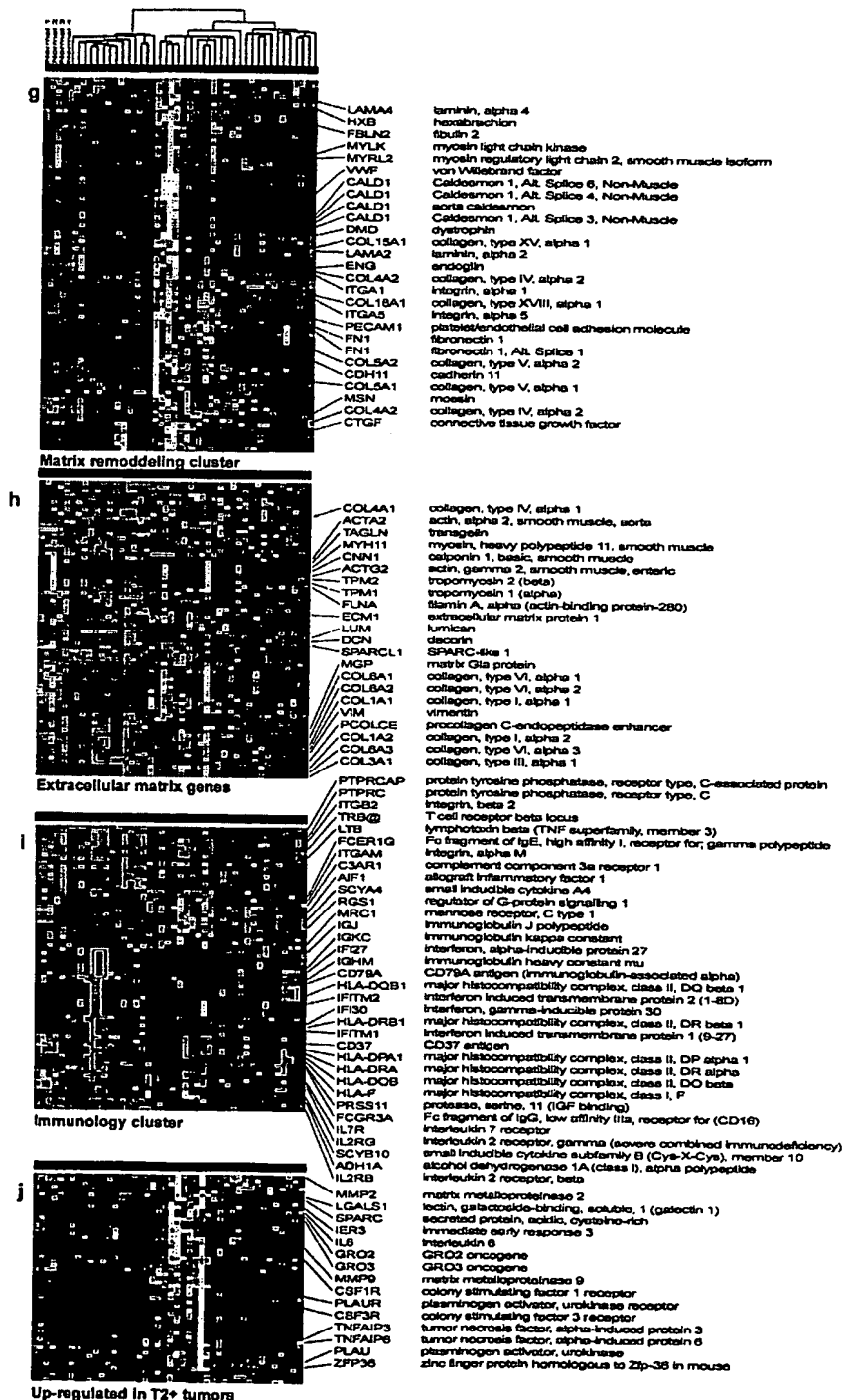


Figure 8a

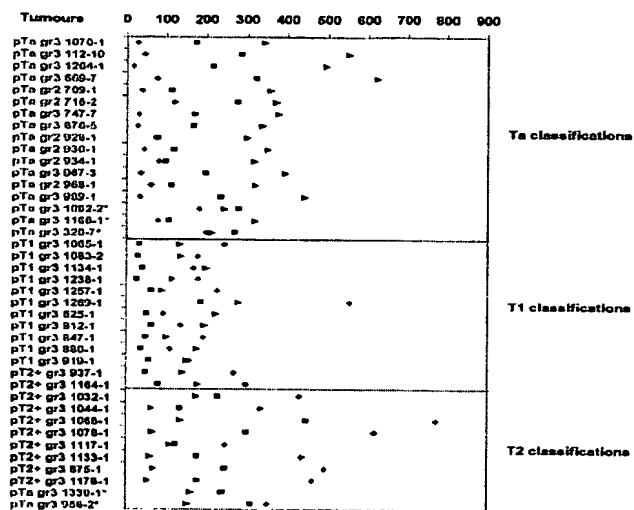


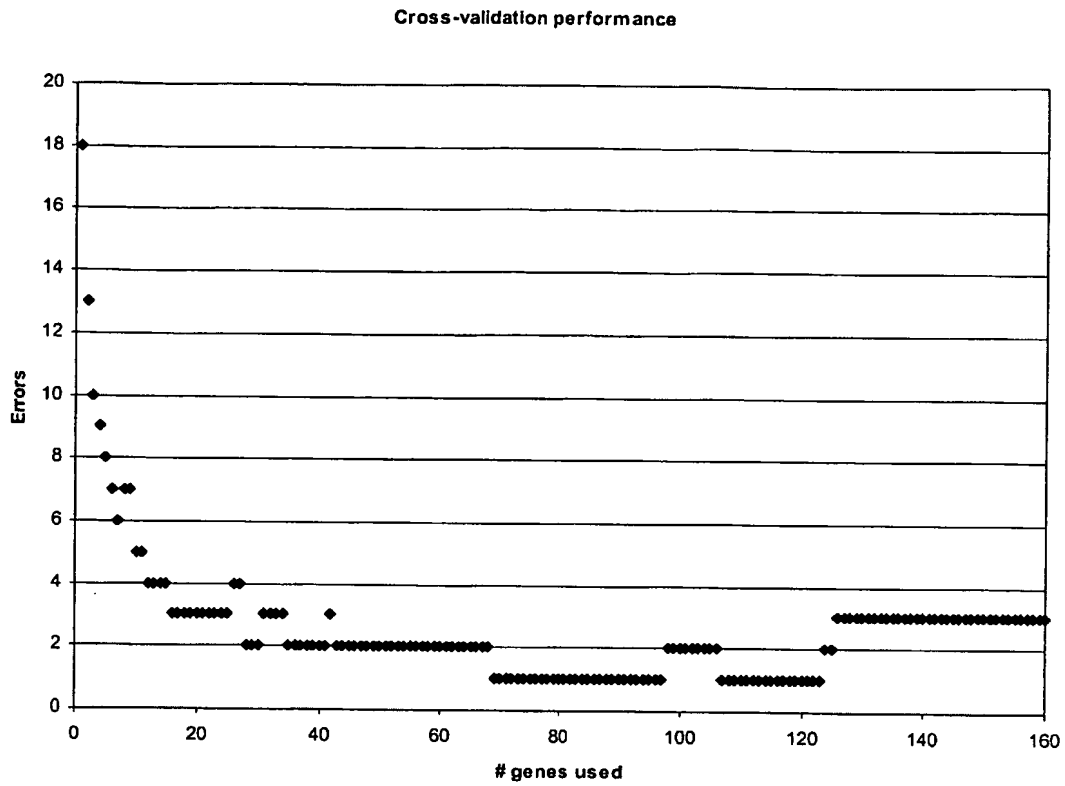
Figure 9

Figure 10



Figure 11

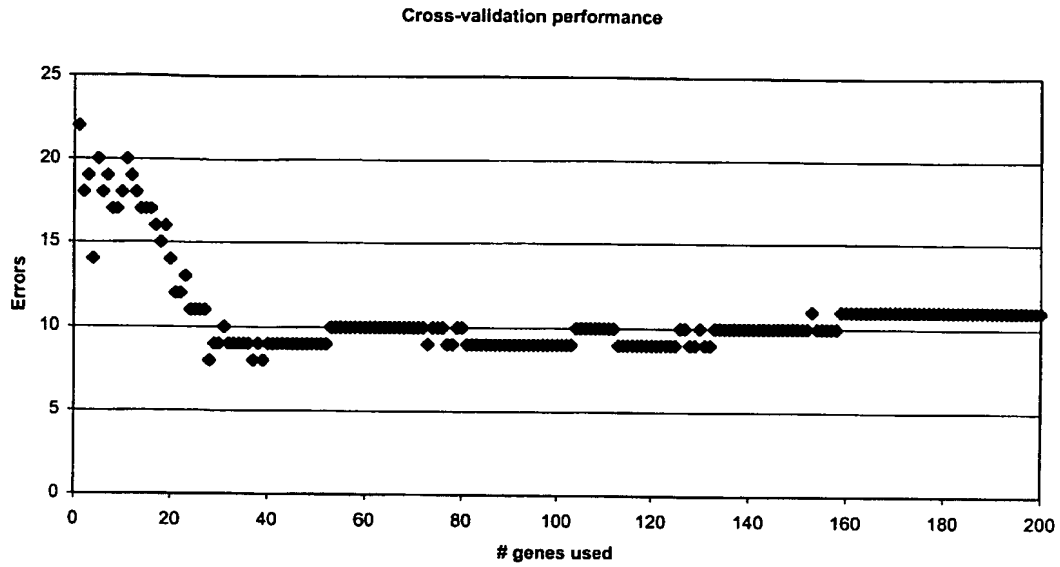


Figure 12

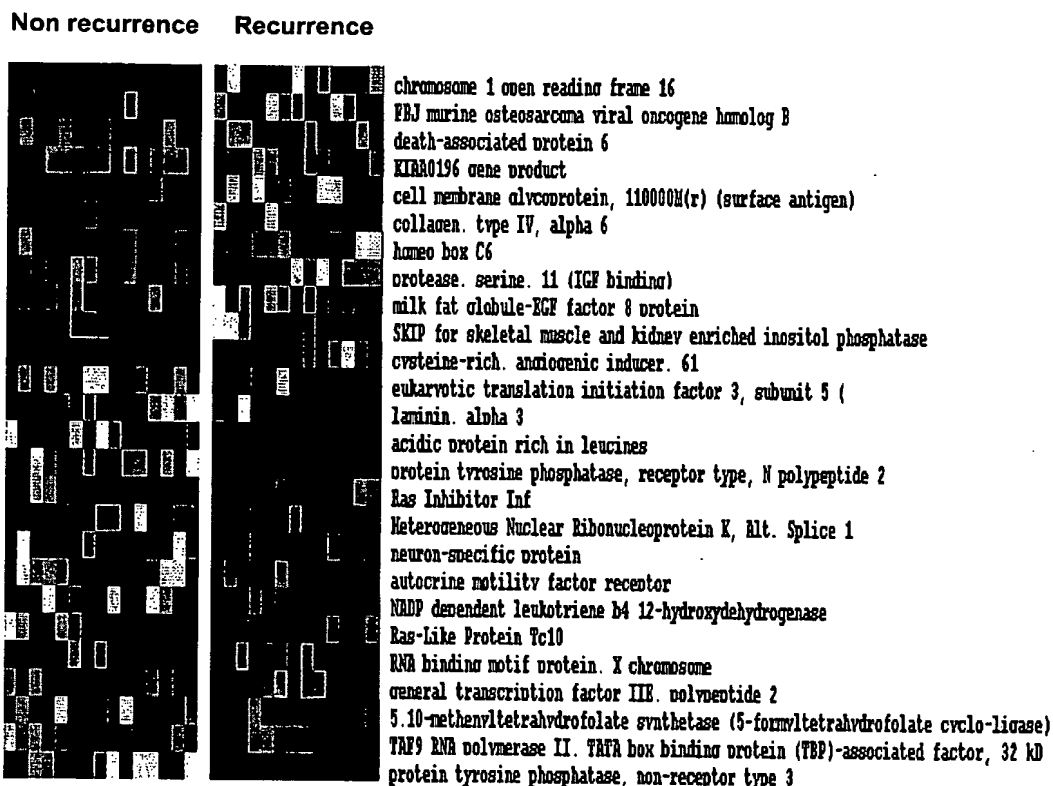




Figure 15

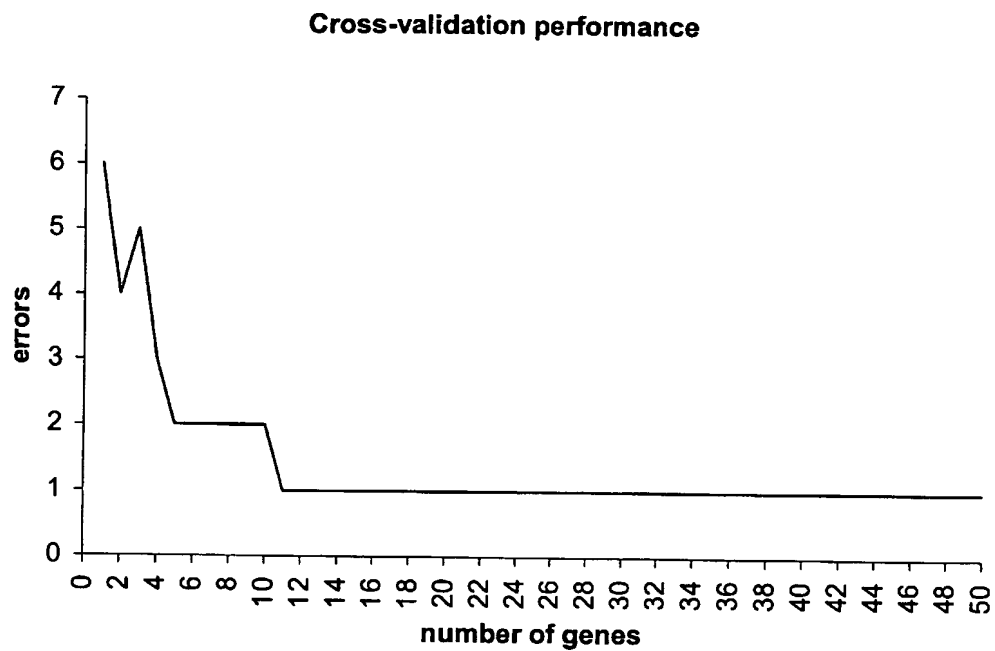


Figure 16

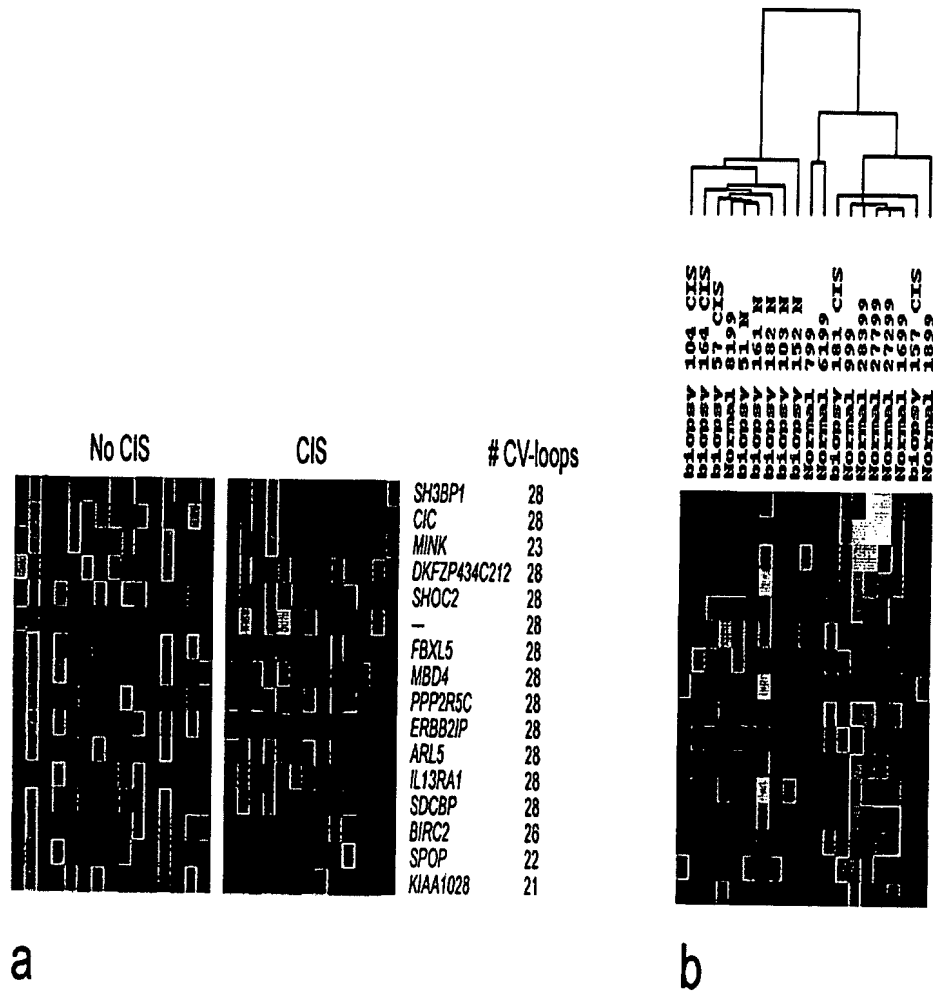
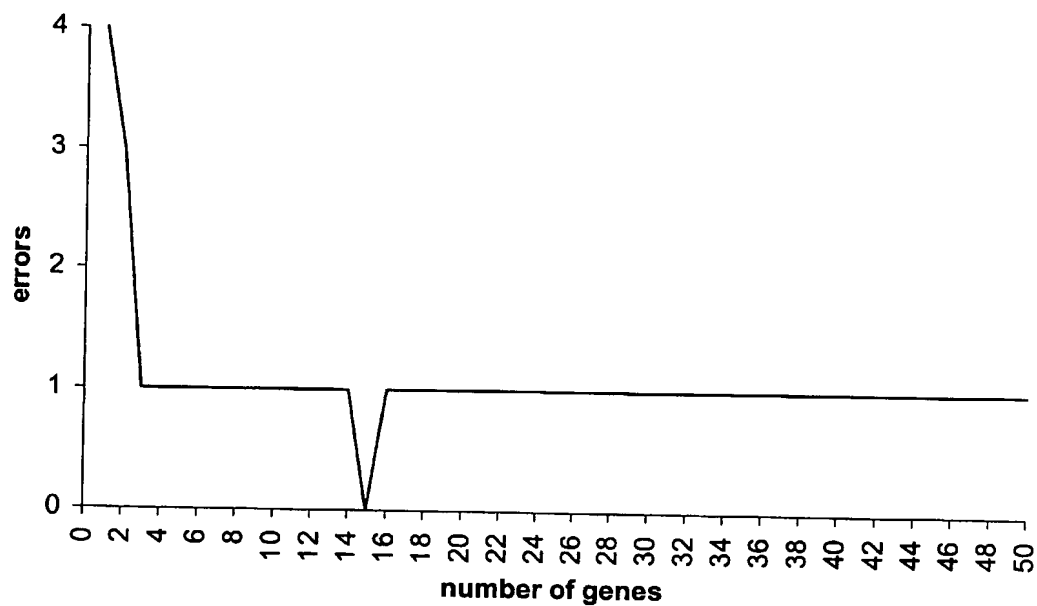


Figure 17

Cross-validation performance



Fold change
values based on
comparison
analysis using
MAS 4.0 (global
scaling)

Fig. 18

Table B1

ProbeSet (GeneFL)	Unigene Build 168	description	pTarg3	pTarg3	pTarg3	pTarg3	pTarg2	pTarg3	pTarg3	pTarg2	pTarg2	pTarg2	pTarg3	pTarg2	pTarg3	pTarg2	pTarg3	pTarg2	pTarg3
AB000220_at	Hs.171921	semaphorin domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C RAB11A, member RAS oncogene family	1070-1 -1.8	112-10 -1.9	1264-1 -1.9	669-7 1.2	709-1 -1.8	716-2 1.3	747-7 -1.4	876-5 -1.6	928-1 -3.9	930-1 -1.8	934-1 -4.4	967-3 -1.4	968-1 -2.1	989-1 -1.7			
AF000231_at	Hs.75618		1.1	-1	1.1	1.2	-1.4	1.1	1.2	1.5	-1.3	-1.1	-1.3	-1.2	-2.2	1.3			
D10922_s_at	Hs.99855	formyl peptide receptor-like 1	-1.2	-1.9	-2	-2.2	-2	-1.5	-1.8	-2.3	-1.6	-2.6	-1.1	-1.8	-1.3	-1.9			
D10925_at	Hs.301921	chemokine (C-C motif) receptor 1	4.5	4.3	3.8	2.9	3.7	6.3	3.3	9.5	-1.7	3.1	2.4	4.5	1.9	3.9			
D11086_at	Hs.84	interleukin 2 receptor, gamma (severe combined immunodeficiency)	-3.7	-4.9	-3.6	-2.8	-2.9	-2.7	-3.4	-3.3	-2.3	-2.8	-1.7	-2.5	-1.4	-2.7			
D11151_at	Hs.211202	endothelin receptor type A, phosphatidylinositol glycan, class F	1.1	-1.7	-1.6	-3	-2.6	-1.1	1.2	2.3	-1.9	-1.4	-2.6	1.1	-1.9	-2.1			
D13435_at	Hs.426142		1.4	1.1	1.2	1	-1.2	1.3	1.5	1.3	1.2	1.3	-1.4	1.5	-1.8	1.4			
D13666_s_at	Hs.136348	osteoblast specific factor 2 (fascilin L-like)	5.9	-2.7	-1.9	-1.3	-2.8	4.5	-1.8	3.8	-2.2	-3.1	-2.4	3	-1.1	2.5			
D14520_at	Hs.84728	Kruppel-like factor 5 (intestinal)	-2.1	-1.6	-1.2	-1.3	-2.2	-1.2	-2.5	-2	-2.3	-1.3	-2.9	-1.4	-1.4	-2.4			
D21878_at	Hs.169998	bone marrow stromal cell antigen 1	4.1	4.1	5.3	11.6	9.2	4.6	5.3	5.2	4.7	3.7	2.2	8.2	3.5	6.3			
D26443_at	Hs.371369	solute carrier family 1 (glial high affinity glutamate transporter), member 3	-4	-3.2	-4.3	-5.6	-4	-3.7	-3.6	-3.8	-3.2	-3.4	-3.6	-3.1	-4.6	-1.6			
D42046_at	Hs.194665	DNA2 DNA replication helicase 2-like (yeast)	-3.8	-3.3	-3	-12.8	-2.5	-3.3	-3.1	-3	-1.5	-1.8	-1.8	-2.4	-1.9	-3.3			
D45370_at	Hs.74120	adipose specific 2 chemokine (C-C motif) ligand 11	1.9	-1.1	1.3	1.9	2	1.2	1.5	-1.3	2.6	1.4	2	1.6	2.4	1.5			
D49372_s_at	Hs.54460		-2.2	-2.9	-2.7	-1.8	-1.6	-1	-1.5	1	-2.4	-1.3	-1.4	1.1	-1.1	-2.4			
D50495_at	Hs.224397	transcription elongation factor A (SII), 2	15.3	20	16	11	14.3	12.3	12.3	18.5	21.4	17.9	12.8	10.6	9.5	16.4			
D63135_at	Hs.27935	twisty homolog 2 (Drosophila)	-2.5	-3.7	-5.6	-5.7	-6.1	-4.3	-4.1	-3.2	-4.7	-5.9	-4.5	-5.9	-5.3	-7.5			
D64053_at	Hs.198288	protein tyrosine phosphatase, receptor type, R	3.5	4.3	4.4	6	7	3	-1.8	1.1	1.5	-1.5	-1.1	-1.3	2.2	4.3			
D83920_at	Hs.440898	ficollin (collagen/fibrinogen domain containing) 1	1.1	-6	-6.2	-9.4	-7.4	-4	-3.6	-4.5	-7.5	-7.7	-5.3	-4.3	-8	-6.8			
D85131_s_at	Hs.433881	MYC-associated zinc finger protein (purine-binding transcription factor)	4	10.4	14.6	6.1	5.2	1.8	6.4	7.6	5.7	3.9	2	8.5	2.3	5.8			
D86062_s_at	Hs.413482	chromosome 21 open	10.4	11.4	11.8	11.6	12.3	9.7	11.4	11.2	12.4	11.4	6.2	9.2	8.3	12.4			

Fig. 18

Table B1

D86479_at	Hs.439463	reading frame 33	-2.4	-3.6	-2.7	-3	-3	-2	-2.7	-1.2	-1.7	-1.9	-1.9	-1.7	-1.7	-2.2
D86957_at	Hs.307944	AE binding protein 1 likely ortholog of mouse sepin 8	1.1	1	-2.1	1	-1.9	-1.1	-1.1	1	-1.4	-1.5	1.2	-1.5	-1.8	-1.3
D86959_at	Hs.105751	Sie20-related serine/threonine kinase	1.4	1.3	1.8	-1.3	-1.9	1.5	1.5	-1.1	-3.5	-1.4	-3.4	-1	-1.5	-1.2
D86976_at	Hs.196914	minor histocompatibility antigen HA-1	-3.2	-2.6	-4.4	-5.8	-2.2	-4.2	-1.5	-2.3	-1.9	-2.4	-1.8	-1.8	-3.2	-1.9
D87433_at	Hs.301989	stabilin 1	-11.1	-10.8	-10.8	-18	-5.3	-1.7	-13.5	-2.9	-4.7	-2.5	-6.8	-12.1	-13.9	-2.5
D87443_at	Hs.409862	sorting nexin 19	-1	1.2	-1.5	-1	-5.4	1.2	-1.6	1.2	-3.6	1	-2.8	-1.7	-5.2	-1.2
D87682_at	Hs.134792	KIAA0241 protein	5.5	11.2	8	9.3	7.8	5.2	6.9	8.7	5.7	4.9	1	9.4	6.9	8.2
D89077_at	Hs.75367	Src-like adaptor	-1.4	-4	-2.6	-4.8	-2.6	-1.7	-3	-1.6	-2.4	-3.2	-1.3	-1.8	-1.7	-1.8
D89377_at	Hs.89404	msh homeo box homolog 2 (Drosophila)	1.8	1.4	1.4	1.7	-1.6	-1.1	1.4	1	-1.2	-2	1.4	2.2	-1.3	1.6
D90279_s_at	Hs.433695	collagen, type V, alpha 1	-1.4	-1.2	-1	-1.5	-1.7	1.9	3.9	4.1	-1.4	1.1	-2.5	2	-1.6	-1.3
HG1996-	---	---	6.8	9.6	11.3	5.1	6.7	6.3	6.3	9	4.9	7	1.5	9.8	4.8	5.6
HT2044_at	---	---	1	-2.3	-1.6	-2.1	-1.9	2.1	-1.5	-1.1	-2.2	-2.4	-2.5	1	-2.7	-1
HT2152_s_at	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HG2090-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HG2463-	---	---	9.3	27.8	8.8	28.5	15.9	11.9	10.7	12.1	5.2	11.6	5.3	7.7	4.9	24.9
HT2559_at	---	---	-1.2	2	-1	-4.9	1.3	-2.9	2.3	8.2	1.4	-2	-5.4	5.6	1.2	-4.7
HG3044-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT3742_s_at	---	---	1.4	2	1.6	1.9	-2	2.2	1.3	1.2	-2.8	-1.1	-4.1	3	-1.2	1
HG3187-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT3366_s_at	---	---	1	1.1	1.2	1.1	-1.2	-1.1	-1.2	1.2	1	1	1.8	-1.3	1.1	1.1
HG3342-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT3519_s_at	---	---	8.3	28.4	30.9	9.7	-4.5	13.1	29	26.5	-16.5	8.2	1.8	28.2	-17.6	33.4
HG371-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT26388_s_at	---	---	-1.1	-2.6	-1.9	-2.2	-2.8	3.4	-1.6	-1.4	-1.8	-1.6	-2.5	-1.3	-1.5	-2
HG4089-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT4339_s_at	---	---	9.6	19.4	12.6	12.5	8.2	9.9	10.9	13.9	5.2	8.4	4.9	11.3	7	13.1
HG67-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT67_f_at	---	---	2.6	10.6	7	-1.3	1.2	3.7	8.2	4.4	2.2	2.8	3.3	8.1	-2.1	9.6
HG907-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HT907_at	Hs.436317	cytochrome P450, family 4, subfamily B, polypeptide 1	1.1	-1.6	-1.3	1.2	-2.6	-5.5	-1.3	-1.1	-1.6	-1.5	1.1	1	-1.9	-1.1
J02871_s_at	Hs.111779	secreted protein, acidic, cysteine-rich (osteonecin)	3.8	1.5	1.4	1	-1.5	3	4.6	8.1	2.3	1.9	1.3	6.3	2	1.9
J03040_at	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
J03060_at	---	---	5.2	8.8	11.2	10.4	2.3	9.9	9.5	10.1	4	7.9	4.6	12	5.6	12.3
J03068_at	---	---	-1.2	1.5	1.3	1.3	-1	-1	2.5	-1	1.6	1.2	1.1	1.4	1.5	1.3
J03241_s_at	Hs.2025	transforming growth factor, beta 3	-2.6	-4	-2.4	-3.1	-2.7	-2.5	-5.4	-2	-2.1	-2.3	-2.1	-2.9	-2.3	-4.1
J03278_at	Hs.307783	platelet-derived growth factor receptor, beta	-1.8	-2.2	-2.3	-5.2	-1.5	-2.6	1.1	1.6	-1.6	-1.2	-2.1	1.1	-1.5	-1.7
J03909_at	---	polyptide	---	---	---	---	---	---	---	---	---	---	---	---	---	---
J03925_at	Hs.172631	integrin, alpha M (complement component receptor 3, alpha; also known as CD11b (p170), macrophage antigen alpha)	-6	-5.1	-2.5	-30.4	-1.8	-1.5	-9.2	-5.9	-2.9	-1.1	-3	-2.1	-3.4	-2.8
			-1.6	-4	-4.2	-3.6	-4	-2.3	-3.9	-2.9	-3.3	-3.9	-2.8	-3.6	-5.5	-2.6

Fig. 18

M11718_at	Hs.283393	cellular collagen, type V, alpha 2	2	1.8	1.7	-1.5	-2.1	4.2	3.9	10.9	-1.1	2.8	1.5	10.1	3.8	2.7
M12125_at	Hs.300772	tropomyosin 2 (beta)	1.3	-1.5	-2.1	-3	-2.3	-1.1	-1.6	1.5	-1.4	-2.5	-2.6	1.3	-1.5	-2.6
M14218_at	Hs.442047	argininosuccinate lyase	10.7	9.3	8.5	5.4	6.2	7	16.9	8.8	9.6	5.4	4.4	9.6	13.4	10.8
M15395_at	Hs.375957	integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	-2.3	-9.4	-9.6	-4.8	-8.3	-4.4	-8.1	-2.3	-4.4	-9.5	-6	-2.7	-8.1	-3.8
M16591_s_at	Hs.89555	hemopoietic cell kinase	-1.6	-2.2	-2.5	-2.2	-2.6	1.3	-2	-1.9	-2.9	-3.2	-4.3	-1.3	-2.6	-1.3
M17219_at	Hs.203862	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	2	3.6	3.6	-1.3	1.4	4.4	-1	2	1.3	2.6	1.1	4	3.1	2.1
M20530_at	—	chemokine (C-C motif) ligand 3	1.6	-1.4	-2	-2	-1.7	1.2	1	-1.1	1.8	-2	1.3	-1.7	-1	1.3
M23178_s_at	Hs.73817	—	-2.9	-2.4	-2.3	-2.3	-1.3	4.3	-1.5	-3	-1.8	-1.5	1.5	-2	-2.2	-1.7
M28130_ma1_s_at	—	—	2.4	4.4	2.6	1.2	2.5	6.7	2.5	3.4	1.4	3.7	2.3	2.9	3	1.5
M29550_at	Hs.187543	protein phosphatase 3 (former 2B), catalytic subunit, beta isoform (calcineurin A beta)	1	1.8	1.3	1.4	1	1.4	1.7	1.6	-1.7	1.1	1.2	1.8	1.2	1
M31165_at	Hs.407546	tumor necrosis factor, alpha-induced protein 6	-2.5	-2.8	-2.7	-2.7	-2.6	-2.4	-1.8	-3.1	-2.3	-1.7	-1.2	-2.6	-2	-2.5
M32011_at	Hs.949	neutrophil cytosolic factor 2 (65kDa, chronic granulomatous disease, autosomal 2)	-1.2	-1.9	-5	-3.3	-3	-2.1	-1.9	-1.4	-5.4	-3.5	-4.3	-2.6	-4.5	-4.8
M33195_at	Hs.433300	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	-4	-10.5	-5.2	-8.7	-4.4	1.1	-3.5	-2.4	-2.2	-6.2	-3.3	-2.3	-11.5	-1.1
M37033_at	Hs.443057	CD53 antigen	-2.9	-5.7	-6.1	-3.7	-6.4	-2.6	-4.6	-4.9	-3.2	-5.5	-3.3	-4.6	-3.3	-3.6
M37766_at	Hs.901	CD48 antigen (B-cell membrane protein)	-2.4	-8.1	-8.2	-10.9	-5.8	-3.6	-4.7	-3.5	-5.7	-6.8	-6.8	-3.1	-4.5	-4.5
M5598_s_at	Hs.172928	collagen, type I, alpha 1	1.1	-4.4	-2.5	-2.9	-3.5	-1.2	-1.2	1.5	-1.4	-2.7	-2.4	1.2	-1.6	-1.9
M57731_s_at	Hs.75765	chemokine (C-X-C motif) ligand 2	-1.5	-1.8	-1.5	-2	-2.8	1.1	-1.6	-1.2	-2.2	-2	-3.4	-1.8	1.2	1.2
M62840_at	Hs.82542	acyloxycyl hydrolase (neutrophil)	4.4	3.5	3.3	3.1	3.1	3.5	3.2	4.9	2.1	2.3	4.4	2.6	4.2	2.8
M63262_at	—	—	-4.1	-13.1	-6.6	-9.2	-4.6	-2.8	-4.9	-5.5	-5.4	-4	-2.5	-4.5	-5.1	-2.1
M68840_at	Hs.183109	monooxygenase A	1.5	-1.1	1.1	1.2	1.1	-1.2	1.3	1.2	1.5	1.1	-1	-1.3	1.2	1
M69203_s_at	Hs.75703	chemokine (C-C motif) ligand 4	-2.6	-3.1	-3.6	-2.4	-3.6	2.1	-2.8	-2.4	-2.1	-1.7	-2.8	-2.3	-3.2	-1.8
M72885_ma1_s_at	—	—	3.3	2.2	1.7	2.5	2.5	3.2	3	3.3	4.5	2.7	3.3	7.6	1.1	5.4
M7349_at	Hs.421496	transforming growth factor, beta-induced, 68kDa	-2.1	-4.3	-4.7	-3	-6.5	-1.2	-3.5	-1.8	-1.4	-11.1	-1.9	-1.5	-2.2	-1.6
M82882_at	Hs.124030	E74-like factor 1 (ets domain transcription factor)	1.2	2	-1.3	1.5	-1.3	2	-1.5	1.9	-1.6	1.2	-2	1.1	-1.3	1.2
M83822_at	Hs.209846	LPS-responsive vesicle trafficking, beach and	-1.7	-1.3	-1.5	-1.4	-1.5	-1.3	1	-1.4	-3.5	-1.6	-4.4	-1.1	-1.4	-1.3

Fig. 18

Table B1

U59914_at	Hs.153863	MAD, mothers against decapentaplegic homolog 6 (Drosophila)	3	3.7	2	3.8	1.3	1.6	4.3	1.9	5.9	2.3	-3.1	2.9	1.2	1.7	3.6
U60205_at	Hs.393239	steroid C4-methyl oxidase-like		-1.2	1.4	1.7	2.9	-1.3	1.2	1.4	1	-1.3	1.4	-1.1	1	-1.4	1.6
U61981_at	Hs.42674	mutS homolog 3 (E. coli)		1.3	4	4.3	4.9	2.5	5.3	3	4.4	-1.1	2.8	1.6	3.2	2.6	2.4
U64520_at	Hs.66708	vesicle-associated membrane protein 3 (cellubrevin)		1.1	3.1	2.1	2.3	-2.9	1.9	2.2	2.2	-1.1	-1.1	-1.2	1.5	-1.4	2.6
U65093_at	Hs.82071	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2		-1.3	2.9	2.4	1.1	1.7	1.7	1.4	1.7	1.5	1.8	1.5	2.6	2	1.8
U66619_at	Hs.444445	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3		11.9	19.5	13.3	7.4	7.7	20.2	11.9	21.9	11.8	33.5	10.8	16.1	7.8	13.2
U68019_at	Hs.288261	MAD, mothers against decapentaplegic homolog 3 (Drosophila)		1.7	2.8	2.1	2.2	1.5	3.4	1.9	3.3	1.4	3.1	1.6	1.3	1.6	2.2
U68385_at	Hs.380923	likely ortholog of mouse myeloid ecotropic viral integration site-related gene 2		1.3	-1.6	-1.3	1.2	-1.3	2.1	-1.2	-1.1	1.1	-1.6	-1	1.1	1	2.3
U68485_at	Hs.193163	bridging integrator 1		-3.9	-2.6	-2.6	-5.7	-2.6	-2.7	-3.7	-1.8	-1.4	-1.8	-1.9	-2.5	-2.2	-5.8
U74324_at	Hs.90875	RAB interacting factor		5.5	7.7	5.1	9	4.8	5.7	9.5	4.9	3.3	4.2	3.1	8.2	3.2	5.8
U77970_at	Hs.321164	neuronal PAS domain protein 2		5.5	8.8	4.1	9.4	3.6	1.2	3.3	6.5	2	2.1	5.3	4.4	1.8	2.7
U83303_cds2_a1	Hs.164021	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)		-9.3	-8.4	-8.6	-8.1	-7.7	-8.2	-8.6	-9.7	-6.7	-8	-6.1	-8.8	-9	-9.4
U88871_at	Hs.79993	peroxisomal biogenesis factor 7		1.5	1.8	-1.4	2.6	1.3	1.3	2.2	1.5	-1.1	1.5	-1.9	2.2	-1.9	3.3
U90549_at	Hs.236774	high mobility group nucleosomal binding domain 4		3.6	3.2	2.8	3.6	2.3	4.4	2.8	3.1	2.3	2.1	2.5	3.1	2.2	4.3
U90716_at	Hs.79187	coxsackie virus and adenovirus receptor		1.1	-2.2	-1.2	1.1	1.2	-1.2	-1.2	-1.1	1.2	-1.2	-1.3	-1.3	1.2	-1.2
V00594_at	Hs.118786	metallothionein 2A		-1.2	1.7	1.2	-3.9	-1.6	2.1	1.1	-1.3	-1	2	1	-1.7	6.5	1.4
V00594_s_at	Hs.118786	metallothionein 2A		-4.4	2	-5.4	-6.1	-5.2	-1.1	-4.6	1.4	-5.1	7.3	-3.6	-1.8	28.9	4.1
X02761_s_at	Hs.418138	fibronectin		2.9	1.2	-1.5	-8.8	1.2	-1.5	1.8	5.2	-1	-6.3	-6	4.8	1.5	-4
X04011_at	Hs.88974	cytochrome b-245, beta polypeptide (chronic granulomatous disease)		-2.2	-5	-5.1	-6.4	-3.4	-1	-4.5	-3.6	-3.8	-5.2	-3	-3	-4.6	-1.8
X04085_ma1_a1	--	--		-1.4	-1.3	-1.3	-1.5	-2.3	1.1	-1.1	-1.1	-1.8	-1.2	-1.4	-1.5	-1.8	-1.2
X07438_s_at	--	--		-1.2	-1.6	-1.8	-1.5	-2.7	1.1	-1.9	1.4	-1.7	-2.3	-2.5	1.1	-1.5	-1.9
X07743_at	Hs.77436	pleckstrin		-2.3	-3.2	-4.3	-3.9	-2.5	-1.3	-2.7	-2.6	-2.9	-3	-2.6	-2.9	-3.5	-2.8
X13334_at	Hs.75627	CD14 antigen		-4.4	-5.4	-8.4	-11.9	-3	14.9	-2.1	-2.1	2.6	1.3	2.9	1.4	-6.3	1.4
X14046_at	Hs.153053	CD37 antigen		-3.9	-7.9	-7.3	-20.9	-5.6	-5.8	-7.3	-3.2	-12	-5.7	-3.5	-2.9	-9.3	-4.8
X14813_at	Hs.166160	acetyl-Coenzyme A		1.3	1.4	1.1	-1	-1.5	-1.6	1.5	-1.5	-1.2	-1.3	1.2	1.6	-1.1	1.4

Fig. 18

Table B1

		phosphatase, receptor type, F																	
Y08374_ma1_a1	--	--	-5	-4.9	-4.7	-5.5	-5.3	-4.4	-5.4	-3.9	-5	-4.4	-1	-4	-4.6	-2.5			
Z12173_at	Hs.334534	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)	-1.2	3.5	2.9	4.1	-1.3	1.2	3.1	3.4	3.3	1.9	1.7	1.9	-1.3	7.6			
Z19554_s_at	Hs.435800	vimentin	-1.2	-3	-3.8	-4.2	-5.1	-1.1	-1.1	2.3	-3	-4.8	-2.9	1.5	-2.9	-1.7			
Z26491_s_at	Hs.240013	cathecho-O-methyltransferase	1.6	1.2	1.3	1.8	1.4	-1.1	1.3	1	1	1	1.1	1.2	-1.1	1.5			
Z29331_at	Hs.372758	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	6.8	27.4	12.1	11.4	7.3	20.6	9	14.8	6.2	9.8	3.8	11.9	11.3	11.6			
Z35491_at	Hs.377484	BCI2-associated athanogene	-2.8	-1.4	1.2	-1.3	-1.2	1	1.1	-2.4	-2.1	-1.5	1.1	-1.6	-1.4	1.3			
Z48199_at	Hs.82109	syndecan 1	1.2	1	1.3	-1	1.2	-1.2	-1.2	-1	1.7	1.5	1.6	1.5	-1.1	1.1			
Z48605_at	Hs.421825	inorganic pyrophosphatase 2	3.4	3.7	3	4.3	3.2	5	3.6	2.7	1.4	2.2	2.5	4.7	3.1	5.6			
Z74615_at	Hs.172928	collagen, type I, alpha 1	1.1	-3.6	-2.6	-1.6	-1	-1.3	-1.4	1.6	1.4	-1.7	-1.1	1.3	1.1	-2.3			

Fig. 18

Table B2

Probeset (GeneFL)	Unigene Build 168	description	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3	PT1 gr3
AB000220_at	Hs.171921	semaphorin domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C RAB11A, member RAS oncogene family	1065-1	1083-2	1134-1	1238-1	1257-1	1269-1	625-1	812-1	847-1	860-1	919-1	-15.7				
AF000231_at	Hs.75618	formyl peptide receptor-like 1	-2	-1.5	-3.7	-3.3	-4.7	-2.4	-11.5	-6.5	-1.7	-3.3	-15.7					
D10922_s_at	Hs.99855	chemokine (C-C motif) receptor 1	-3.2	-1.7	-3.3	-3.5	-3.9	-2.3	1.1	-1.4	-1.9	-1.6	-1.7					
D10925_at	Hs.301921	interleukin 2 receptor, gamma (severe combined immunodeficiency)	-1.6	-1.5	-1.6	1.1	-1.3	-2.4	-1.9	-1.9	1	-2.3	-1.2					
D11086_at	Hs.84	endothelin receptor type A phosphatidylinositol glycan, class F	-1.3	-2	1.9	1.9	3.7	1.4	1.2	1.1	2.6	1.7	4.2					
D11151_at	Hs.211202	osteoblast specific factor 2 (fasciclin I-like)	-2.7	-1.6	-3.9	-1.1	-4.3	-1.3	-1.9	-1.5	-1.2	-2.4	-1.2					
D13435_at	Hs.426142	Kruppel-like factor 5 (intestinal)	-2	1.5	-1	-1.4	1.1	1.1	-2.3	-1.1	1.2	-1.1	-1.4					
D13666_s_at	Hs.136348	bone marrow stromal cell antigen 1	-1.1	-1.7	-1.5	-2.4	1.6	1.1	-1.2	-1.2	-2.1	-1.9	-3					
D14520_at	Hs.84728	solute carrier family 1 (glutal high affinity glutamate transporter), member 3	2.4	1.2	-1.8	-1.7	6.9	2.1	-2.3	-1.5	1.3	-2.1	-2.7					
D21878_at	Hs.169998	adipose specific 2 chemokine (C-C motif) ligand 11	-1.9	-1.3	-2	-3	-1.2	-2.4	-1.1	1	-2.1	-1	-1.5					
D26443_at	Hs.371369	transcription elongation factor A (Slit), 2 tweety homolog 2 (Drosophila)	3.1	1.9	1.1	2.2	2.9	-1.4	2.8	1.7	1.1	-1.8	1.6					
D42046_at	Hs.194665	phosphatase, receptor type, R	-2.5	1.1	2.8	1.1	-2.6	1.2	-2.2	-1.7	-2.4	-1.8	1.5					
D45370_at	Hs.74120	high affinity glutamate transporter, member 3	-1.3	-1.3	-1.3	-1.3	-1	1.5	-1.1	-1.5	-1.1	-1.1	-1.4					
D49372_s_at	Hs.54460	DNA2 DNA replication helicase 2-like (yeast)	2	-1.4	1.8	1.3	-2.3	1.7	3.5	3.4	1.3	1.2	-2.1					
D50495_at	Hs.224397	transcription elongation factor A (Slit), 2 tweety homolog 2 (Drosophila)	1.3	-1.1	1.2	-1.8	1	-1.2	1.1	-1.3	1.1	-1.9	-1.3					
D63135_at	Hs.27935	transcription elongation factor A (Slit), 2 tweety homolog 2 (Drosophila)	3.8	6.6	10.3	5.4	11.1	2.4	9.2	4	5.3	7.5	5.1					
D64053_at	Hs.198288	phosphatase, receptor type, R	-4.7	-1	-2.2	1.2	-1.6	-1.2	-4	-3.6	-3.5	-2.3	-1.6					
D83920_at	Hs.440898	phosphatase, receptor type, R	4.4	-1.6	4.6	4.9	-1	2.1	2.3	-1.4	-2.5	-2	-2.6					
D85131_s_at	Hs.433881	fibronectin (collagen/fibrinogen domain containing) 1 MYC-associated zinc finger protein (purine-binding transcription factor)	-3.1	-1.5	-3.8	-1.8	-2.4	-1.6	-6.6	-1.9	-4.5	-4	-4.2					
D86062_s_at	Hs.413482	chromosome 21 open reading frame 33	-1.8	3.4	1.2	1.8	1.9	-1.5	1.8	-1.1	2	1.5	-1.4					
D86479_at	Hs.439463	AE binding protein 1	3.6	4.9	5.8	5.9	7.9	-1.2	6.2	4.3	4.2	4.7	5					
D86857_at	Hs.307944	likely ortholog of mouse sepin 8	1.1	-1.2	-1.8	-1.6	-1	-1.4	-1.3	-1.2	1.2	-1.1	-1.2					
D86959_at	Hs.105751	serine/threonine kinase	-1.8	-3.7	-1.1	-2.4	-3.4	-1.7	1.1	-3.8	-1.7	-2.6	-1.8					
			-1.3	-1.3	-2.7	-2.9	-1.6	-3.3	-1.1	-1.6	-1.4	-2.4	-2.5					

Fig. 18

Table B2

D86976_at	Hs.196914	minor histocompatibility antigen HA-1	1.2	-1.1	-1.8	-1.6	-1	1.5	-1.5	-2.3	-1.2	-1.6	1.8
D87433_at	Hs.301989	stabilin 1	-2.3	-1.2	-4.9	-1.5	-1.1	-1.8	-3.8	-4.5	-2.8	-6.1	-10
D87443_at	Hs.409862	sorting nexin 19	-5.3	-1.7	-4.7	-2.8	-5.3	-2.8	-5.7	-2.2	-7.3	-2.5	-6.3
D87682_at	Hs.134792	KIAA0241 protein	-2	1	2.6	1.9	4.7	-1.8	2.5	1.2	2.6	1.4	3.7
D89077_at	Hs.75367	Src-like-adapter	-1	-1.4	-2.8	-2.1	1.3	2.1	-1.3	1.2	1.1	-1.5	-1.3
D89377_at	Hs.89404	msh homeo box homolog 2 (Drosophila)	-1.5	-1.3	-1.7	-1.6	-9	-2.6	1	-2.4	1.6	-1.4	-3
D90279_s_at	Hs.433695	collagen, type V, alpha 1	-1.5	1	-1.6	-2.2	-1.3	-1.4	-2.8	-1.1	-2.2	1.4	-3
HG1996-			2.1	2.5	2	3	2.7	1.2	4.3	1.3	4	3.3	4
HT2044_at			1	1	-1.8	1.6	2.1	1.4	-1.6	-2.2	2.9	-1.2	-1.5
HG2090-													
HG2463-			2.4	2.8	7.3	3.4	3.1	-1.4	3.6	1.9	7	5.4	4.7
HT2559_at													
HG3044-			3.4	2.6	2.2	3.4	6.3	1.4	1.3	-1.9	63.1	7.1	3.4
HT3742_s_at			-1.3	1.1	-1	1.3	-1.2	-2.5	-1.9	1.4	-1.7	-1.5	-7.8
HG3187-			-1.1	1.2	1.4	1.4	-1.7	1.7	-1.4	2	-1.3	1.4	-1.2
HG3366_s_at			-1.1	1.2	1.4	1.4	-1.7	1.7	-1.4	2	-1.3	1.4	-1.2
HG3342-			-1.1	1.2	1.4	1.4	-1.7	1.7	-1.4	2	-1.3	1.4	-1.2
HT3519_s_at			-19.4	-21.7	-10.1	-4.1	-11.8	-6.6	-14	-13.1	-10.9	-4.4	-1.2
HG371-			1.2	1.1	-1.1	1.6	1.1	1.7	-1.5	1.4	-1.3	-1.5	-1.3
HT26388_s_at			2.3	3.5	2.5	3.4	3.5	1.1	7.7	2	3	3.1	4
HG4089-			-14.9	-13.1	-6.1	-2.6	-12.4	-8.7	-5.6	1.5	-4.5	-2	-6.2
HT4393_s_at			-1.3	-2.8	1.3	-1.1	-6.4	-3.2	-1.1	-1.1	-2.8	-2	-4.2
HG67-			8.2	7.4	5.5	5.3	6.6	7.8	3.3	1.1	5.2	6.2	6
HT67_f_at			4.5	1.9	4.2	2.6	3.4	-1.8	2.4	-1.2	1.6	3.4	5.3
HG807-			1.6	1.5	3.3	1.6	-1.8	-1	1.6	1.1	1	1.2	-1.3
J02871_s_at	Hs.436317	cytochrome P450, family 4, subfamily B, polypeptide 1 secreted protein, acidic, cysteine-rich (osteonectin)	-4	-5.2	-1.9	-3.1	-1.6	-2	-2.6	-2.1	-2	-4.6	-2.3
J03040_at	Hs.111779	transforming growth factor, beta 3	2.2	2.8	1.2	1.4	2.3	3.1	-1.2	1	1.9	1.6	1.4
J03060_at		platelet-derived growth factor receptor, beta											
J03068_at		integrin, alpha M	-1.4	-5.8	-6.7	-1.1	1.7	-2	-1.1	-2.8	1.8	-2.5	-1.6
J03241_s_at	Hs.2025	(complement component receptor 3, alpha; also known as CD11b (p170), macrophage antigen alpha polypeptide)	-2.8	-2.1	-2.4	-1.6	-1.6	2.1	-3.3	-1.9	-2.5	-2.2	-4.4
J03278_at	Hs.307783	carboxyl reductase 1											
J04056_at	Hs.88778	electron-transfer flavoprotein, alpha polypeptide (glutamic aciduria II)	-1	1.3	3.6	2.2	2.1	-2.4	1	1.3	-1.2	2.8	2.3
J04058_at	Hs.169919		-1.4	-1.5	-1.5	1.5	1.1	-1.8	-1.3	-1	-1.7	1.4	-2

Fig. 18

Table B2

24

J04130_s_at	Hs.75703	chemokine (C-C motif) ligand 4	-1.3	-1.8	-2.3	1.5	-1.3	2.1	-2.1	-2.9	1.3	-4.4	-1.6
J04152_ma1_s_at	---	---	1.1	-1.3	1.2	-1.8	-1.4	-2.2	1.3	1.3	-1.4	1	-1.7
J04162_at	Hs.372679	Fc fragment of IgG, low affinity IIIa, receptor for (CD16)	-3.9	-5.2	-12.4	-3.6	-1.7	-2.8	-7.8	-3.1	-2.6	-4.9	-5.4
J04456_at	Hs.407909	lectin, galactoside-binding, soluble, 1 (galectin 1)	2.2	1.2	1.9	1.5	1.6	1.6	2.9	-1.1	1.7	1.4	-1
J05032_at	Hs.32393	aspartyl-tRNA synthetase	-2.1	-3.1	-2.7	-2.1	-4.9	-2.2	-1.8	-1.3	-3.6	-1.2	-1.3
J05070_at	Hs.151738	matrix metalloproteinase 9 (gelatinase B, 92kDa)	-2.3	-3.8	-3.3	-1.5	-3.9	-1.4	-2.1	-1.1	-2.5	-3.2	1.5
J05448_at	Hs.79402	gelatinase, 92kDa type IV collagenase)	-1.2	-1.1	1.4	1.9	-2.1	-1.4	1.2	-2.2	1.4	1.4	2
K01396_at	Hs.297681	proteinase inhibitor, clade A (alpha-1 antitrypsin), member 1	-3.9	-4.4	-6.6	-3.5	-6.5	-2	-4.4	-3.1	-4.4	-1.2	-2.7
K03430_at	---	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antitrypsin), member 1	-2	-1.8	-2	-1.1	-1.4	1	-1.7	-1.6	1.7	-1.7	-1.1
L06797_s_at	Hs.421986	chemokine (C-X-C motif) receptor 4	-7.4	-5.2	-3.9	-1.2	-3.7	-2.6	-7.8	-5.4	1.2	-4.7	-8.5
L10343_at	Hs.112341	protease inhibitor 3, skin-derived (SKALP)	-2.6	-4.2	-4.9	-6.4	-5.8	-3.4	-5.7	-5.4	-7.1	-2.9	-3.8
L13391_at	Hs.78944	regulator of G-protein signaling 2, 24kDa	-7.3	-6.3	-3	-5.5	-2	-2	-10.3	-2.2	-4.8	-6.4	-2.4
L13698_at	Hs.65029	growth arrest-specific 1	-2.3	-1.9	-2.3	1.1	-2.7	-1.8	-2	-1.8	-2	-1.4	-2.3
L13720_at	Hs.437710	growth arrest-specific 6	-6.1	-3.7	-2.9	1.6	2.4	-2.2	-4.7	-2	3.4	-1.4	1.4
L13923_at	Hs.750	fibronin 1 (Marfan syndrome)	-1.7	-1.3	-2.8	-1.4	1.3	1.6	-2.3	-1.8	1	-1.8	-3.6
L15409_at	Hs.421597	von Hippel-Lindau syndrome	3.9	4.3	5.4	4.5	3.1	1.9	3.2	2.9	3.9	2.2	4.6
L17325_at	Hs.195825	RNA binding protein with multiple splicing	-1.8	1.2	-1.1	1.4	1.1	-1.2	1.6	-1.1	-1.4	-1.4	-1.3
L19872_at	Hs.170087	aryl hydrocarbon receptor	-1.4	-1.8	-2	-2.2	-1.7	-2	-1.4	-7.9	-2	-2.2	-1.5
L27476_at	Hs.75608	tight junction protein 2 (zona occludens 2)	-4	-3.2	-2	-8.9	-2.8	-2.6	-1.5	-1.3	-2.8	-3.1	-2.1
L33799_at	Hs.202097	procollagen C-endopeptidase enhancer	-1.1	1.2	-1.2	-1.3	1.4	2.9	-1.7	-1.9	1	-2.3	-1.8
L40388_at	Hs.30212	thyroid receptor interacting protein 15	-2.6	-1.8	-2.4	-2.2	-2.1	-1.5	-2.2	1	-1.5	1.3	-1.6
L40904_at	Hs.387667	peroxisome proliferative activated receptor, gamma	3	1.9	2.5	2.4	2.5	-1.2	2.8	1.3	-1.2	1.2	2.3
L41919_ma1_at	---	retinol binding protein 1, cellular	2.1	-1.9	-2.5	-1.7	1.7	1.3	1.7	2.5	-2.4	2.2	1.6
M11433_at	Hs.101850	retinol binding protein 1, cellular	-1.3	1.5	-1.5	-2	2.9	1.4	-1.1	-2	1.1	1.9	1.3
M11718_at	Hs.283393	collagen, type V, alpha 2	2	2.6	1.7	1.5	6	3	1.7	1.2	5.6	3.8	3.1
M12125_at	Hs.300772	tropomyosin 2 (beta)	-1.1	2.5	1.1	1.9	1.9	1.2	-1.6	1.1	-1.5	2.4	-1.6
M14218_at	Hs.442047	argininosuccinate lyase	-1.3	2	5.4	2.6	5.8	-2.7	-1.9	1.9	-2.1	3.5	-2.8
M15395_at	Hs.375957	integrin, beta 2 (antigen CD18 (p95), lymphocyte	-4.9	-4.5	-4.3	-2.9	-1.8	-1.9	-7.8	1.3	-2.8	-5.4	-1.9

Fig. 18

Table B2

S77393_at	Hs.145754	Kruppel-like factor 3 (basic)	-2.5	-2.7	-1.7	-3.9	-1.7	-2.6	-1.4	-1.6	-1.9	-1.3	-2.3
S78187_at	Hs.153752	cell division cycle 25B	1.3	-1.2	1.5	2	1.2	2.8	-1.3	-3.1	-1	-1.6	1.4
U01833_at	Hs.81469	nucleotide binding protein 1 (NM1D homolog, E. coli)	1.8	2.1	-1.5	1.8	1.3	1	1.9	2.9	2.1	2.4	3.7
U07231_at	Hs.309763	G-rich RNA sequence binding factor 1	-2.4	-1.9	2.1	-1	-1.1	-1.3	2.5	1.8	1.4	2.5	1.3
U09278_at	Hs.436852	fibroblast activation protein, alpha	1.3	1.4	1.5	-1.7	1.8	-1.9	-1.6	-1.3	1.2	-1.6	-1.1
U09937_ma1_s	—	—	4.7	1.1	4.1	2.3	3.3	2.7	4.2	3	5.7	4.3	4.8
U10550_at	Hs.79022	GTP binding protein overexpressed in skeletal muscle	-2.3	-1.8	-2.5	-1.7	-1.1	-1.2	-2.4	-2.1	-2	-2.3	-2.9
U12424_s_at	Hs.108646	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)	-2.7	-1.8	-1.9	-1.1	-3	-1.7	-2	-1.1	-3	-2.9	-2.6
U16306_at	Hs.434488	chondroitin sulfate proteoglycan 2 (versican)	2.2	-3.4	-1.3	-1.2	1.7	2.3	-2.4	-3.3	2.6	-1.4	1.2
U20158_at	Hs.2488	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	-3.6	-2.5	-2.2	-2.4	-4.5	-1.1	-4.8	-2.7	-2.5	-3.7	-3.5
U20536_s_at	Hs.3280	caspace 6, apoptosis-related cysteine protease	3.2	1.7	3.7	2.9	1.9	-1.9	2.6	2.9	1.8	2	-1.4
U24266_at	Hs.7748	aldhyde dehydrogenase 4 family, member A1	-1.7	1.6	-2.7	-3.6	-4.9	-2.9	-4.8	1.1	-2.6	-4	-2.3
U28249_at	Hs.301350	FXVD domain containing ion transport regulator 3	3.3	-3	1.3	1.4	-3	-1	-1.1	1.7	-2.4	-2.9	-2.4
U28488_s_at	Hs.155935	complement component 3a receptor 1	-2.5	-2.8	-2.4	1	-2.7	-1.3	-3.9	-1.5	-1.9	-3.1	-2.6
U29880_at	Hs.227817	BC12-related protein A1	-3.1	-2.7	-3.1	-2.2	-2.5	-1.3	-4.9	-2.1	-3.7	-3.9	-3
U37143_at	Hs.152096	cytochrome P450, family 2, subfamily 1, polypeptide 2	4.3	2	3.7	1.5	-1.4	1	2.2	-1.6	-1	-1.8	1.3
U38864_at	Hs.108139	zinc finger protein 212	-4.3	1.6	3.3	-3	4.5	-2.1	5.4	1.5	1.5	-2.9	8.3
U39840_at	Hs.163484	forehead box A1	-2	-2	-5.2	-1.8	-1.5	-3.7	-1.2	1.1	-2.1	-1.1	-1.2
U41315_ma1_s	—	—	-3.1	-6.2	-2.2	-4	-4.1	-3.6	-2	-4.7	-3.6	-3	-3.9
U41111_at	Hs.42151	histamine N-methyltransferase	-3.8	-3.1	-8.7	-4.6	-5	-1.5	-7.5	1.5	-7.8	-2.5	-11.9
U47114_at	Hs.13291	cyclin G2	-1.6	-1	-1.2	-1.6	-2.1	-1.6	-1.5	-2.1	-1.9	-2.3	-1.5
U49352_at	Hs.414754	2,4-dienoyl CoA reductase 1, mitochondrial	-2.5	-1	-2.7	-1.6	2.9	-1.3	1.4	-1.4	-1.4	-2.3	-2.1
U50708_at	Hs.1265	branched chain keto acid dehydrogenase E1, beta polypeptide (maple syrup urine disease)	-2.3	-1.8	-1.8	-1.5	-1.1	-1.6	-1.2	-1.9	-2.8	-2.1	1.2
U52101_at	Hs.59599	epithelial membrane protein 3	-2.7	-2	-3.2	1.2	1.4	1.3	-4.9	-2	1.2	-3.9	-2.2
U59914_at	Hs.153863	MAD, mothers against decapentaplegic homolog 6 (Drosophila)	-1.3	2.1	-3.2	1.9	-3.3	1.2	-4.2	1.7	1.2	-2.4	-2.6
U60205_at	Hs.393239	sterol-C4-methyl oxidase-like	2.6	-2	1.1	1.4	-3.8	-2.3	1.6	-1.8	1.4	-1.2	1.3

Fig. 18

Table B2

X15880_at	Hs.415597	collagen, type VI, alpha 1	-1.4	-1.3	-2.7	-2.3	2.2	-1.6	-3.1	-3.4	-2.5	-1.3	-1.6
X15882_at	Hs.420269	collagen, type VI, alpha 2	1.2	1.5	-1.9	-1.6	2	-1.1	-2.2	-2	-1.1	1.5	-1.2
X51408_at	Hs.380138	chimerin (chimaerin) 1	-1.4	1.7	1.6	2.2	2.1	1.9	1.1	-1.1	-1.6	1.4	1.3
X04085_ma1_a	—	—	-5.3	-2.4	-3.5	-4.2	-1.6	-6.1	-3.1	-1.1	-3.2	-2.3	-2.4
X07436_s_at	—	—	1.4	-1.1	1.5	1.2	2.9	1.1	-1.8	-1.5	-1.3	1.1	-1.1
X07743_at	Hs.77436	pleckstrin	-2.2	-2.6	-1.8	-1	-1.6	-1.7	-2.4	-2.1	-1.3	-2	-1.6
X13334_at	Hs.75627	CD14 antigen	-1.7	-1.2	1.6	4.9	6.2	-1.9	-1.4	-1.3	8.1	-1.1	-1.6
X14046_at	Hs.153053	CD37 antigen	-4.7	-3.2	-6.8	-2.1	-3.4	-3	-4.4	-2.3	-2.3	-3.4	-3.3
X14813_at	Hs.166160	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thioase)	1.2	1.2	2	-2.4	-2.3	-4.5	-1.8	-1	-3.9	-1.4	-3.7
V00594_at	Hs.118786	adenovirus receptor	-1.3	-1.2	1.4	-1.4	-2.4	-1.1	-2.1	-1	1.2	-1.3	-1.2
V00594_s_at	Hs.118786	metallothionein 2A	-1.4	1.1	-1.3	-2.3	-1.3	1.7	-1.5	1.2	4.2	1.5	1.5
X02761_s_at	Hs.418138	fibronectin 1	-8.8	-3.7	-1.8	-1.5	2.3	-4.4	-4.6	-3.4	9.5	-1.7	1.1
X04011_at	Hs.88974	cytochrome b-245, beta polypeptide (chronic granulomatous disease)	2	1	1.4	1.3	5.4	1.8	1.2	-2.2	27.8	4.4	2.4
U90716_at	Hs.79187	domain 4	-2.9	-2.8	-4	-2.5	-2.5	-1.2	-2.2	-1.9	-2.5	-2.8	-2.4
U83303_cds2_a	Hs.164021	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)	-1.3	-1.2	1.4	-1.4	-2.4	-1.1	-2.1	-1	1.2	-1.3	-1.2
U88871_at	Hs.79993	peroxisomal biogenesis factor 7	-2.3	-1.3	-1.3	-2.8	-2.5	-1.2	-2.1	-1.2	-2.5	-1.2	-2.8
U90549_at	Hs.236774	high mobility group nucleosomal binding domain 4	-1.1	1.2	2	1.6	-1	-3.7	-1.4	1.3	1.1	1.3	1.3
U68485_at	Hs.193163	bridging integrator 1	-1.8	-1.6	-1.5	-2.3	-1.6	1.2	-2.7	-1.2	-1.9	-1	-1.3
U74324_at	Hs.90875	RAB interacting factor	2.1	2.2	2	2.4	3	2.1	2.7	1.9	2.2	2.6	2.5
U77970_at	Hs.321164	neuronal PAS domain protein 2	-3.5	1.7	1.4	1.4	3	1.6	1.4	-1.3	-3.3	-2.4	-3.2
U68385_at	Hs.380923	likely ortholog of mouse myeloid ecotropic viral integration site-related gene 2	-5.8	-3.5	-4.9	-3.6	-6.4	-3.3	-6.1	-4.2	-5.6	-4.5	-5.8
U68019_at	Hs.288261	decapentaplegic homolog 3 (Drosophila)	-1.1	1.8	-2.8	1.1	-5.5	-2.1	-1.8	1.6	1	4	-2.4
U66619_at	Hs.444445	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3	2.8	2.9	6.4	3	4.6	1.5	4.7	3.4	-1	4.6	3.3
U65093_at	Hs.82071	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-1.3	-1.7	-1.5	-3	-3.3	-2.5	1.8	-3.7	-1.5	-1.1	1.4
U61981_at	Hs.42674	mutS homolog 3 (E. coli)	1.4	1.4	1.9	1.4	-8.8	1.6	1.2	1.9	1.8	1.2	-1.1
U64520_at	Hs.66708	vesicle-associated membrane protein 3 (cellulose)	-1.7	-2.7	-1.1	-1	-3.5	-1.9	-1.1	-2	-2.8	-3.2	-1.6

Fig. 18

Table B2

X53800_s_at	Hs.89690	chemokine (C-X-C motif) ligand 3	-1.5	-1	-1.6	-1.5	-1.6	-1.6	-1.6	-2.3	-1.9	-3.1	-1.2	-1.7
X54489_ma1_a	---	---	-9.7	-3.8	-9	-5.7	-8.3	-3	-15.2	-7.6	-6.4	-2.7	-12.5	
X57351_s_at	Hs.174195	interferon induced transmembrane protein 2 (1-80)	-1.4	-1.1	-3.2	1.4	1.6	1	-10	-1	-1.3	-2	-1.3	
X57579_s_at	---	---	1.5	-1.2	1.2	1.1	1.1	-1.1	-1.9	1.1	1.4	-1.1	-1	
X58072_at	Hs.169946	GATA binding protein 3	-1.5	-2.1	1.2	1.3	-1.2	-1.2	1.2	-7.2	-5.5	-3.1	-1.9	
X62048_at	Hs.249441	WEET homolog (S. pombe)	-6.6	-1.8	-4.6	-5.1	-5.2	-2.6	-2	-5.3	-1.8	-5.3	-3.7	
X64072_s_at	Hs.375957	integrin, beta 2 (antigen CD18 [p95], lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	-5.1	-6.6	-6.9	-4.5	-3.4	-2.9	-5.9	-6	-2.2	-8.6	-4.2	
X65614_at	Hs.2962	S100 calcium binding protein P	1.2	1.5	1.6	1	-1.2	2.9	1.4	1.8	-1.4	1.4	-1.5	
X66945_at	Hs.748	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	2.6	-2.3	-2.1	-1.3	5.8	-1.3	-6.4	-3.7	7.3	-1.9	1.2	
X67491_l_at	Hs.355697	glutamate dehydrogenase 1	-1.2	-2.3	-3.3	-1.6	-3.9	-1.7	-1.3	-1.9	-2.8	-2.8	-2.2	
X68194_at	Hs.80919	synaptophysin-like protein	-4	-3	-2.6	-5.2	-4.2	-3.7	-2.6	-1.5	-2.5	-1.4	-2.6	
X73882_at	Hs.254605	microtubule-associated protein 7	-3	-1.2	-4.9	-1.5	-4	-1.8	-1.7	1.2	-1.6	-1.1	-2.2	
X76520_at	Hs.372528	chloride channel 3	-7.7	-1.9	-2.2	-2.5	-6.5	-2.8	-3.5	-1.4	-2.1	-1.9	-3.9	
X76549_at	Hs.51133	PTK6 protein tyrosine kinase 6	2.8	1.3	-1.1	1.9	2.2	2.8	1.9	1.7	-2.2	2.8	-1.3	
X76565_at	Hs.98998	tenascin C (hexabrachion)	2.1	-1.5	-1.3	1.7	3.5	-1.4	-2.1	1	-2.1	1.5	1.4	
X76669_at	Hs.79088	reticulocalbin 2, EF-hand calcium binding domain	-2.6	-2.5	-1	-1.2	-1.4	-2.7	-1.5	-2.2	-1.7	-1.8	-1.8	
X83618_at	Hs.59889	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	2.4	2.7	-3.7	2.7	-1.2	1.2	-30.9	1.2	-1	-3.2	-4	
X84908_at	Hs.79060	phosphorylase kinase, beta	-2.1	-3.6	-2.1	-2.1	-1.7	-2.6	-2.4	-1.4	-2.9	-1.4	-4.2	
X90908_at	Hs.147391	fatty acid binding protein 6, ileal (gastrotrypin)	5.3	4	1.7	3.7	3.1	1.6	10.4	1.1	2.2	8.8	2.6	
X91504_at	Hs.389277	ADP-ribosylation factor related protein 1	3.9	4.5	3.6	3.3	4.8	4.6	3.7	2.3	3.5	3.8	2	
X95632_s_at	Hs.387906	abf-interactor 2	-1.2	1.9	1.1	2.7	2.2	-2.5	2.7	1.2	3.9	1.3	2.1	
X97267_ma1_s	---	---	-11.3	-11.9	-11.2	4.9	-13.6	-3.4	-18	-10	-3.6	-13.2	-16.1	
Y00705_at	Hs.407856	serine protease inhibitor, Kazal type 1	-2.2	-9.1	-9.6	-1.5	-26.6	-1.8	-11.3	-1.8	-1.2	-67.9	-16.5	
Y00787_s_at	Hs.624	interleukin 8	1.8	4.6	-2.2	2.8	-2.5	1.7	1.3	1.2	1.9	1.7	-2.4	
Y00815_at	Hs.75216	protein tyrosine phosphatase, receptor type, F	-1.6	-2.9	-1.4	-2.7	-2.3	-3.8	-1.9	-2	-2	-1.5	-1.5	
Y08374_ma1_a	---	---	-1.8	-1.1	-1.9	-2.3	2.8	-2.8	-1.3	2.8	-1.3	-4.7	3.2	
Z12173_at	Hs.334534	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo	1.1	1.5	-2.1	-1.1	-3.4	-1.7	-2.5	-1.5	2.7	1.1	-1	

Fig. 18

Table B2[illegible]

Fig. 18

Table B3[illegible]

Fig. 18

Table B3

D86976_at	Hs.196914	minor histocompatibility antigen HLA-1	-2.5	1	1.9	1.1	1.2	-1.2	1.2	-1.2	1.1	1.4
D87433_at	Hs.301989	stabilin 1	-3.2	2.2	2.6	1.2	2.6	-1.5	1.4	-1	2.4	3.8
D87443_at	Hs.409862	sorting nexin 19	-3.5	-2.9	-5.5	-10.1	-6.1	-7.3	-4	-7	-4.1	-2.4
D87682_at	Hs.134792	KIAA0241 protein	4	4.1	4	1.3	7.3	-1.1	5.5	-1.5	-2.3	1.1
D89077_at	Hs.75367	Src-like adaptor	1	2.3	4.8	2.5	1.8	2.4	-1.2	-1.2	1.4	2.9
D89377_at	Hs.89404	msh homeo box homolog 2 (Drosophila)	-9.5	-2.2	-7.7	-8.2	-8.9	-3.7	-7.5	-13.2	-1.5	-6.1
D90279_s_at	Hs.433695	collagen, type V, alpha 1	2.5	3.5	4.5	14.4	3.6	4.6	2.2	-1.3	-1.5	3
HG1996-	—	—	6.1	4.8	3.9	6.6	4.6	4	7	5	2.3	3.6
HT2044_at	—	—	-1.5	4.4	5.3	1.9	4.5	2.2	-1.5	2.3	4.1	9.6
HT2152_s_at	—	—	10.8	11	6.7	4.6	4.5	4.2	6.2	8.3	9.2	3.2
HG2463-	—	—	29.3	21.9	26.8	73.6	14.3	13.8	23.6	5.5	5.9	22.7
HT2559_at	—	—	-10.8	-2.5	-5.6	-16	-4.4	-1.2	-9.1	-4.4	-1.9	-5
HT3742_s_at	—	—	-15.2	1.1	-3.4	-6.8	-2.9	-1.4	-1.8	-1.5	1.1	-2.1
HG3187-	—	—	-5.2	-12.6	-5	-2.6	-10.6	-20.3	-12.2	-2.3	-9.7	-9.9
HT3519_s_at	—	—	2	4	2	2.1	2.6	3.4	1.2	3.2	2	4.4
HG371-	—	—	4.9	6.9	3.2	3	4.9	4	2.2	4.3	3.7	1.9
HT26388_s_at	—	—	5.4	-3.3	-8	-2.6	-5.9	-19.4	-7.8	-3.1	-17.1	-8.2
HG4069-	—	—	-60.7	-3.8	-31.4	-38.7	-2	-9	-23	-47.2	-1.5	-22.5
HG67_f_at	—	—	14.7	14.8	25.2	14	11.2	6	14.3	6.6	7.7	19.9
HG907-	—	—	5.2	4.6	2.8	4.1	8.1	4.7	6	7.9	1.7	2.4
HT907_at	—	—	-4.5	-1.2	-2.3	-3.1	-13	-1.2	-1.4	-3.5	-1.1	-3.8
J02871_s_at	Hs.436317	cytochrome P450, family 4, subfamily B, polypeptide 1 secreted protein, acidic, cysteine-rich (osteonectin)	1.3	-2	2.5	-1.1	-1.1	-1.4	1.5	-1.6	-1.3	-1.5
J03040_at	Hs.111779	transforming growth factor, beta 3	2.5	2.1	4.5	3.1	2.1	1.5	4.3	1.4	2	3.6
J03060_at	—	platelet-derived growth factor receptor, beta polypeptide	-1.4	2.2	2.9	4.2	4	2.4	-1	4.7	-1.5	4.9
J03068_at	—	Integrin, alpha M (complement component receptor 3, alpha, also known as CD11b (p170), macrophage antigen alpha polypeptide)	-2.5	2	2	3.4	-1.1	-1.6	-2.8	1.5	-1.1	1.2
J03241_s_at	Hs.2025	transforming growth factor, beta 3	-2.9	-1.5	-1.2	2.3	1.6	1.7	-1.8	1.7	-2.2	1.4
J03278_at	Hs.307783	platelet-derived growth factor receptor, beta polypeptide	-2.1	-1.8	-3.5	-1.4	-2.6	-1.4	-6.5	-1.6	-2	-3.8
J03909_at	—	—	—	—	—	—	—	—	—	—	—	—
J03925_at	Hs.172631	—	—	—	—	—	—	—	—	—	—	—
J04056_at	Hs.88778	—	—	—	—	—	—	—	—	—	—	—
J04058_at	Hs.169919	carboxyl reductase 1 electron-transfer flavoprotein, alpha polypeptide (glutamic aciduria II)	—	—	—	—	—	—	—	—	—	—

Fig. 18

Table B3

J04130_s_at	Hs.75703	chemokine (C-C motif) ligand 4	1.6	1.8	3.6	4	1.2	1.3	-1.4	6.6	1.3	6.6
J04152_ma1_s_at	--	--	-42.8	-1.4	-5.7	-2.9	-3.4	-1.2	-35.5	-2.2	-1	-3.6
J04162_at	Hs.372679	Fc fragment of IgG, low affinity IIIa, receptor for (CD16)	-1.8	-1.1	3.3	1.2	-1.8	-2.1	-4.8	-1.5	-3.3	1.4
J04456_at	Hs.407909	lectin, galactoside-binding, soluble, 1 (galectin 1)	4.9	4.8	7.1	10.1	6.9	3	2.4	6.7	1.7	4.3
J05032_at	Hs.32393	aspartyl-HRNA synthetase	-1.4	-2.9	-2.5	-2.5	-6.4	-2.4	-3.6	-2.2	-2	-2.9
J05070_at	Hs.151738	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	5.3	36.6	46.5	3.2	-1.2	8.1	1.8	3.3	-2.1	7.1
J05448_at	Hs.79402	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa	1.7	-1.4	-4.5	-1.3	-3	-1.7	-3.7	-1.6	-4	-1.4
K01396_at	Hs.297681	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antitrypsin), member 1	-1.5	1.6	5.9	10.4	2.2	-1.1	1.1	2.8	-1.6	2.2
K03430_at	--	--	-2.6	1.8	1.8	3.9	3.6	1.1	1.4	3.8	1.9	6.2
L06797_s_at	Hs.421986	chemokine (C-X-C motif) receptor 4	4.1	4	6.1	1.5	-2.1	1.3	-6.8	4.2	-7.6	1.4
L10343_at	Hs.112341	protease inhibitor 3, skin- derived (SKALP)	-1.2	-2.3	2.5	2.3	1.2	-2.6	-4.8	15.3	-2.1	32.4
L13391_at	Hs.78944	regulator of G-protein signaling 2, 24kDa	1	-1.2	2.6	2	-2.4	-6.7	2.1	4.8	-2.3	1.3
L13698_at	Hs.65029	growth arrest-specific 1	4.9	-2.4	10.8	1.8	3.8	1.2	-1.9	1.7	-2.3	2
L13720_at	Hs.437710	growth arrest-specific 6	5.2	9.6	28.8	18.5	7.6	4.3	15.3	15.1	-3.4	11.1
L13923_at	Hs.750	fibronin 1 (Marfan syndrome)	-1	1.3	4.8	1.1	-1.5	1.3	-1.1	-1.4	-1	2.1
L15409_at	Hs.421597	von Hippel-Lindau syndrome	4.2	2.2	1.3	-1.2	1.6	3.6	1.6	1.3	4.8	-1.2
L17325_at	Hs.195825	RNA binding protein with multiple splicing	-1.8	1.2	1.1	-1.8	1.5	-1.8	-1.5	-1.9	-2	1.1
L19872_at	Hs.170087	aryl hydrocarbon receptor	-21.4	-1.8	-2.3	-3.9	-2.3	-1.5	-13.4	-2.7	-1.6	-6.2
L27476_at	Hs.75608	tight junction protein 2 (zona occludens 2)	-15.7	-2.7	-7.8	-5.1	-2.6	-4.2	-3.5	-5.9	-1.8	-4.8
L33799_at	Hs.202097	procollagen C- endopeptidase enhancer	1.1	1.7	7	3	1.3	1.2	1.6	-1.3	1.1	2.5
L40388_at	Hs.30212	thyroid receptor interacting protein 15	-2.5	-2.3	-2.6	-4	-3.3	-2.7	-3.2	-4.1	-1.2	-1.8
L40904_at	Hs.387667	peroxisome proliferative activated receptor, gamma	-18.8	1.4	-1.7	-2.4	-2	1.2	-3.2	-9.6	1.1	-3.2
L41919_ma1_at	--	--	-1.2	2.4	4	2.6	1.2	2.2	2.3	4.8	1.3	1.3
M11433_at	Hs.101850	retinol binding protein 1, cellular	29.1	2.8	5	15.8	1.5	3.3	7.4	-1.2	2.9	8.3
M11718_at	Hs.283393	collagen, type V, alpha 2	12.4	16.5	15.3	44	6.6	8	15.1	10.3	3.1	7.4
M12125_at	Hs.300772	tropomyosin 2 (beta)	3	2.6	11.8	3.1	2.2	2.8	2.9	1.6	1.5	3
M14218_at	Hs.442047	argininosuccinate lyase	2.7	3.7	2.1	-1	5.5	-2.6	5.3	-1.4	-3	1.6
M15395_at	Hs.375957	integrin, beta 2 (antigen CD18 (p95), lymphocyte	-3	1.3	2	2.5	2.1	1.4	-1.6	2.6	-1.2	2.4

Fig. 18

Table B3

		function-associated antigen 1: macrophage antigen 1 (mac-1) beta subunit hemopoietic cell kinase guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1															
M16591_s_at	Hs.89555	1.2	2.4	14.7	8.5	1.7	1.6	-1.1	6	-1.3	3						
M17219_at	Hs.203862	-2.1	-2.4	-2.4	-1.8	-1.4	-2	-1.1	1.4	-1.5	1.5						
M20530_at	—	-20.5	-10.8	-10.7	-16.2	-1.8	-11.2	-18.3	-6.3	-2.1	-7.9						
M23178_s_at	Hs.73817	6.2	7.7	25.9	6.7	2.7	6.3	1.3	21.5	1.1	8.6						
M28130_ma1_s	—	119.5	146.6	256.9	23.8	6.6	163.6	1.9	93.9	4.5	3.7						
M29550_at	Hs.187543	-1.7	-1.4	-4.2	-6.5	-5.3	1.1	-4.5	-1.4	-4.8	-2.4						
		protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (caldesmon A beta) tumor necrosis factor, alpha-induced protein 6 neutrophil cytosolic factor 2 (65kDa, chronic granulomatous disease, autosomal 2)															
M31165_at	Hs.407546	2.4	-1.1	6	2.8	-1.4	3.8	-2.1	2.9	-1.3	1.2						
M32011_at	Hs.949	3.4	11	12.9	7.2	-1.1	3.3	-1.6	8.2	1.1	3.7						
M33195_at	Hs.433300	-1.3	2.1	4.6	3.7	3	1.8	-1	4.2	1.2	4.6						
		Fc fragment of IgE, high affinity 1, receptor for: gamma polypeptide CD53 antigen CD48 antigen (B-cell membrane protein) collagen, type I, alpha 1 chemokine (C-X-C motif) ligand 2															
M37033_at	Hs.443057	-3.3	-1.2	2.1	-1.7	-1.8	-1.6	-4.3	-1.1	-1.9	-1.3						
M37766_at	Hs.901	-2.7	-2.2	1.4	-1.7	-1.8	-2.1	-3.6	-1.3	-1.6	-1						
M55998_s_at	Hs.172928	1.8	3.3	4.7	3.4	2.4	2.5	2.9	1.8	2.6	4.4						
M57731_s_at	Hs.75765	5.8	2.5	4.8	8.6	5.7	12.5	-1.5	16.2	2.7	3.2						
M62840_at	Hs.82542	1.2	1.5	6.3	5.1	2.1	-1.2	1.2	7.8	-1.4	1.6						
		acyloxyacyl hydrolase (neutrophil) monooxygenase A chemokine (C-C motif) ligand 4															
M63262_at	—	-2.5	2.1	2.9	1.8	1	1.5	-5.5	1.3	-1.9	-1.8						
M68840_at	Hs.183109	-20.3	-2	-6.7	-28	-3.9	-3.4	-14.4	-5.4	-1.2	-9.4						
M69203_s_at	Hs.75703	4.7	3.3	8.1	6.6	1.8	2.3	-1	9.9	1.2	7.5						
M72885_ma1_s	—	37.3	32.6	256.6	24.1	5.8	46.8	3.1	92.1	-1.5	6.1						
M77349_at	Hs.421496	-1.2	2.6	1.4	3.1	1.7	1.8	1.5	3.7	1.9	2.5						
		transforming growth factor, beta-induced, 68kDa E74-like factor 1 (68s domain transcription factor) LPS-responsive vesicle trafficking, beach and anchor containing factor															
M82882_at	Hs.124030	-5	-1.8	-2.5	-6.4	-6	-2.1	-1.6	-2.4	-2.1	-2.9						
M83822_at	Hs.209846	-17.4	-6.5	-7.9	-7.8	-3.2	-3.2	-3.4	-7.1	-2.6	-8.9						
M92934_at	Hs.410037	2.1	3.3	1.8	2.2	1.3	3.9	2.1	2.8	1.2	4.5						
M95178_at	Hs.119000	1.4	2	3.3	5.5	1.9	2.5	2.5	3.1	1.8	2.3						
S69115_at	Hs.10306	-1.3	-1.7	1.7	3.6	1.2	1.4	-1.3	2.5	1.5	6.8						
		natural killer cell group 7 sequence															

Fig. 18

Table B3

S77393_at	Hs.145154	Kruppel-like factor 3 (basic)	-6.2	-1.7	-3.7	-10.7	-2.8	-4.1	-3.9	-3.3	-1.8	-3.4
S78187_at	Hs.153752	cell division cycle 25B	2.1	1.6	1.2	6.7	4.5	1.7	8	9.1	1.3	3
U01833_at	Hs.81469	nucleosome binding protein 1	3	4	2.2	1.2	2.7	1.6	2.2	2.6	1.2	1.5
U07231_at	Hs.309763	(Mnd) homolog, E. coli	-2.1	-1.7	-1.7	-3.5	1.5	1.4	-1.1	1	-1.9	-2.1
U09278_at	Hs.436852	G-rich RNA sequence binding factor 1	2	2.7	3.8	3.7	1.9	3.1	1.4	3.5	-1.9	1.7
U09937_ma1_s_at	—	fibroblast activation protein, alpha	16	10.7	42.6	12	5	16	5.4	24.8	1.8	12.6
U10550_at	Hs.79022	GTP binding protein overexpressed in skeletal muscle	1.7	1.2	2.6	1.2	-1.1	1.7	1.2	-1.1	-1.3	-1.2
U12424_s_at	Hs.108646	glyceral-3-phosphate dehydrogenase 2 (mitochondrial)	-1.2	-2.6	-3.9	-2.9	-2.9	-3.2	-2.8	-2.9	-1.5	-2.9
U16306_at	Hs.434488	chondroitin sulfate proteoglycan 2 (versican)	7.6	5.7	4.7	6.2	2.1	4	2.5	2	1.7	3.2
U20158_at	Hs.2488	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	4.4	3.1	28.9	1.4	-1.1	-1.2	-2.4	2	-3.1	1.9
U20536_s_at	Hs.3280	caspase 6, apoptosis-related cysteine protease	-1.2	1.2	-1.3	2.4	1.7	2.8	-1.7	2.3	1.9	-1
U24266_at	Hs.77448	aldehyde dehydrogenase 4 family, member A1	-7.1	-2.9	-3.2	-5.4	-4.7	1	-3.3	-7.2	-1.6	-8.5
U28249_at	Hs.301350	FXRD domain containing ion transport regulator 3	-5.6	-2	-6.5	-7.5	-4.2	-4.6	-1.2	-3.1	-3.1	-3.5
U28488_s_at	Hs.155935	complement component 3a receptor 1	-2.3	1.3	3.9	1.2	-1	-1.1	-2.1	1.9	-1.7	1.7
U29680_at	Hs.227617	BCL2-related protein A1	3.4	6.1	22.6	3.9	-3.3	1.9	-2.9	6	-3.1	-1.1
U37743_at	Hs.152096	cytochrome P450, family 2, subfamily J, polypeptide 2	-6.6	-1	-6.4	-9.8	-7.5	-1.9	-2.4	-8.1	-1.5	-3.2
U38864_at	Hs.108139	zinc finger protein 212	10.3	5.5	5.5	5.6	8.5	4.9	7.8	13.3	-1.3	-1.3
U39804_at	Hs.163484	forkhead box A1	-6	-1.7	-9.1	-13.2	-2.1	-1.1	-2.4	-7.4	-1.2	-13.8
U41315_ma1_s_at	—	—	-7.9	-9.1	-9.2	-5.1	-2.2	-10.5	-3.7	-3.7	-6	-3.7
U44111_at	Hs.42151	histamine N-methyltransferase	-7.5	-3.6	-6	-9.8	-6.9	-4	-10.3	-10.6	-2.2	-5.7
U47414_at	Hs.13291	cyclin G2	-2.4	-2.9	-2.7	-6.3	-3.1	-2.5	-12.1	-6.4	-1.9	-4.2
U49352_at	Hs.414754	2,4-dienoyl CoA reductase	-1.9	-2	-4.7	-3	1.7	-3.3	-3.9	-3.5	-2.1	-5.7
U50708_at	Hs.1265	1, mitochondrial branched chain keto acid dehydrogenase E1, beta polypeptide (maple syrup urine disease)	-1.9	-2	-2.4	-3.7	-2.3	-3	-2.6	-2.9	-2	-1
U52101_at	Hs.9999	epithelial membrane protein 3	9.2	3.2	7.3	7.8	4.2	1.5	1.2	5.8	2.3	8.3
U59914_at	Hs.153863	MAD, mothers against decapentaplegic homolog 6 (Drosophila)	-4.2	-1.8	-3.3	-4.9	-2.6	-4.1	-3.3	-5.1	-2.8	-2.5
U60205_at	Hs.393239	sterol-C4-methyl oxidase-like	-3.9	-1.4	-3.1	-5.1	-3.1	-2.7	-2.4	-1.5	-3.1	-3.7

Fig. 18

Table B3

U61981_at	Hs.42674	mutS homolog 3 (E. coli)	2	1.2	1.2	1.2	1.2	-1.7	1.2	-1.5	-1.4	1.2	-1.5
U64520_at	Hs.66708	vesicle-associated membrane protein 3 (calidrelin)	-3.8	-2.8	-4.5	-5.8	-4.3	-2	-2	-3.8	-5.8	-2.7	-2.7
U65093_at	Hs.82071	Cbplp300-interacting transactivator, with Glu/Asp- rich carboxy-terminal domain, 2	-1.8	-2.5	-2	-1.8	-2	-2.8	-2.6	-5.8	-1.5	-2.9	-2.9
U66619_at	Hs.444445	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3	8.6	9	15.2	5.6	47	7.1	4.3	12.4	3.9	2.2	2.2
U68019_at	Hs.288261	MAD, mothers against decapentaplegic homolog 3 (Drosophila)	-8.9	-1	-2.5	-12.6	-4.4	-3.3	-7.5	-1.2	1.6	-3.3	-3.3
U68385_at	Hs.380923	likely ortholog of mouse myeloid ecotropic viral integration site-related gene 2	-4.2	-4.9	-2.8	-3	-1.8	-3.4	-3.9	-7.6	-2.5	-2.4	-2.4
U68485_at	Hs.193163	bridging integrator 1	3.5	-1.8	2.6	1.6	-1	-1.8	-1.1	-1	1.5	1.4	1.4
U74324_at	Hs.90875	RAB interacting factor	3.5	3	2.4	3	4	2.5	2.1	2.8	1.5	1.6	1.6
U77970_at	Hs.321164	neuronal PAS domain protein 2	-3.5	-3.5	-4	-4.9	-3.2	-2.6	-2.3	-7.1	1.2	-2.2	-2.2
U83303_cds2_1	Hs.164021	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)	-4.3	-6.6	-4.3	-9.2	-6.1	-5.5	-4.9	-7.4	-2.3	-2.6	-2.6
U88871_at	Hs.79993	peroxisomal biogenesis factor 7	-2.4	-1.2	-2.9	-4.5	-3.6	-2.2	-2.9	-5.2	-3.4	-2.1	-2.1
U90549_at	Hs.236774	high mobility group nucleosomal binding domain 4	1.3	1.3	-1.3	1.2	-1.5	-1.2	-1.2	1.5	-1.1	-1.6	-1.6
U90716_at	Hs.79187	adenovirus receptor coxsackie virus and metallothionein 2A	-19.4	-1.9	-4.2	-5	-2.6	-1.4	-2.4	-3.4	-1.3	-6.1	-6.1
V00594_at	Hs.118786	metallothionein 2A	5.6	3.3	7.8	4.6	2.7	4.5	5.5	5	2.4	9.1	9.1
V00594_s at	Hs.118786	metallothionein 2A	12.7	12.6	24	17.8	4.9	21.4	7.2	18.5	-3.2	20.3	20.3
X02761_s at	Hs.418138	fibronectin 1	16.3	13.5	17.6	28.3	9.7	7.9	16.2	8	4	16.9	16.9
X04071_at	Hs.88974	cytochrome b-245, beta polypeptide (chronic granulomatous disease)	-2.6	-1.2	-1	1.1	1.2	-1.4	-2	1.4	1	1.3	1.3
X04085_ma1_a	---	---	-6.6	-2.1	-2.9	-8	-2.7	-3.2	-5.6	-7.1	-1	-9.1	-9.1
X07438_s at	---	---	10.6	2	3	6	1.2	2.1	3.4	-1.1	1.9	6.2	6.2
X07743_at	Hs.77436	pleckstrin	5.1	1.8	17.9	3.7	1.2	-1.2	-2.1	5.8	1.7	2.6	2.6
X13334_at	Hs.175627	CD14 antigen	7.4	52.8	94.7	85.2	57.8	47.9	9.5	82.1	5.7	46.2	46.2
X14046_at	Hs.153053	CD37 antigen	-2.8	-1.8	1.5	1.4	-1.1	-2	-2.4	-1.4	-1	2.5	2.5
X14813_at	Hs.166160	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl- Coenzyme A thiolase)	-3.2	-1.9	-2.1	-12.3	-5	-2	-11.8	-7.8	-1.6	-5.3	-5.3
X15880_at	Hs.415997	collagen, type VI, alpha 1	4.2	2.6	6.3	4.4	1.1	1.7	1.9	1	1.5	4.4	4.4
X15882_at	Hs.420269	collagen, type VI, alpha 2	3.9	3.9	9.7	10.9	1.6	3.3	2.8	2.1	2.4	7.2	7.2
X51408_at	Hs.380138	chimerin (chimerin) 1	5.6	2.2	1.5	3.4	2.1	1.5	5.9	1.2	1.9	2.1	2.1

Fig. 18

X53600_s_at	Hs.89690	chemokine (C-X-C motif) ligand 3	2	1.3	1.6	1.1	-1.7	6.5	-1.2	3.4	-1.2	2.5
X54489_ma1_a1	—	—	-2.1	-2.7	2.7	-2.2	-3.3	1.5	-10.9	1.8	-1.7	1.1
X57351_s_at	Hs.174195	interferon induced transmembrane protein 2 (1-BD)	2.1	2.4	22.6	5.2	4.3	1.5	1	4.5	3.3	5
X57579_s_at	—	—	1.9	1.6	2.2	6.7	1.5	3.7	2	12.2	2.4	7.1
X58072_at	Hs.169946	GATA binding protein 3	-50.1	-1.6	-8.2	-14.1	-1.1	-1.5	-43.9	-28.5	-2	-15.6
X62048_at	Hs.249441	WEE1 homolog (S. pombe)	-1.7	-3.1	-9.9	-6.6	-5.8	-3.1	-2	-4.9	-3.9	-4.5
X64072_s_at	Hs.375957	Integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	-5.2	2.4	3.3	1.8	1.7	-1.1	-1.7	1.3	-1.7	4.2
X65614_at	Hs.2862	S100 calcium binding protein P	-65.5	1.3	-1.7	-22.6	-5.6	-1.1	-33.8	-2.3	1.1	-6.7
X66945_at	Hs.748	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Plekfer syndrome)	3.2	2.9	12.7	4.9	5.3	1.7	10.9	-1.4	-2.4	1.5
X67491_f_at	Hs.355697	glutamate dehydrogenase 1	-5.6	-4.7	-3.8	-5.1	-5.7	-2.3	-3.6	-3.4	-3	-2.3
X68194_at	Hs.80919	synaptophysin-like protein	-8.7	-1.8	-5.6	-5.6	-4	-3.6	-14.1	-3.7	-1.8	-8.2
X73882_at	Hs.254605	microtubule-associated protein 7	-6.9	-6	-6.9	-6.3	-5.5	-4	-1.3	-7.7	-1.8	-2.9
X78520_at	Hs.372528	chloride channel protein 3	-9.6	-4.2	-5.9	-17.1	-6.1	-3.3	-7.9	-15.7	-3.2	-5.8
X78549_at	Hs.51133	PTK6 protein tyrosine kinase 6	-6.1	1.4	-1.1	-10.5	-2.7	-2.7	-5.6	-1.1	1.4	-2.5
X78565_at	Hs.98998	tenascin C (hexabrachion)	1.8	5.8	3.8	5.2	3.4	4.3	3.9	6.7	3.3	4.6
X78869_at	Hs.79088	reticulocalbin 2, EF-hand calcium binding domain	1.3	-2.6	-4	-5.1	-4.2	-1.6	-7.8	-2.8	-2.4	-3.8
X83618_at	Hs.59889	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	-18.1	-1.5	-17.6	-35.5	-9.5	-1.1	-6.9	-16.7	-5.9	-11.2
X84908_at	Hs.78060	phosphorylase kinase, beta	-2.8	-2.3	-3	-3.2	-5.2	-5	-3.9	-5.7	-1.7	-2.6
X90908_at	Hs.147391	fatty acid binding protein 6, ileal (gastrotropin)	-1.2	2.1	1.9	-1.2	7.6	1.6	-1.4	1.8	1.2	-1.1
X91504_at	Hs.389277	ADP-ribosylation factor related protein 1	3.6	3.2	3.2	2.5	2.5	2.1	3.3	4.1	4.4	3.5
X95632_s_at	Hs.387906	abf-interactor 2	-1.1	2.2	2.5	4.2	4.5	5.1	2.9	2.5	1.5	1.6
X97267_ma1_s	—	—	-14.6	-5	-2.3	1.2	-8.3	-2.9	-3	1.5	-5.4	-1.5
Y00705_at	Hs.407656	serine protease inhibitor, Kazal type 1	-55.3	-4.3	-54.3	-102.1	-1.6	-4.2	-42.6	-20.7	-3	-30.9
Y00787_s_at	Hs.624	interleukin 8	82.6	82.5	137.8	15.4	3.7	86.2	-1.7	57.5	2.7	9.3
Y00815_at	Hs.75216	protein tyrosine phosphatase, receptor type, F	-4.3	-2.6	-8	-2.9	-4.1	-2.1	-2.7	-1.6	-1.9	-9.4
Y08374_ma1_a1	—	—	1.6	10.8	17.6	5.4	-2.4	1.9	2	-1.7	1	5
Z12173_at	Hs.334534	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo	-2.7	-2.4	-3.2	-3.4	-3.2	-1.2	-3.2	-4.5	1	-2.4

Table B3

X53600_s_at	Hs.89690	chemokine (C-X-C motif) ligand 3	2	1.3	1.6	1.1	-1.7	6.5	-1.2	3.4	-1.2	2.5
X54489_ma1_a1	—	—	-2.1	-2.7	2.7	-2.2	-3.3	1.5	-10.9	1.8	-1.7	1.1
X57351_s_at	Hs.174195	interferon induced transmembrane protein 2 (1-BD)	2.1	2.4	22.6	5.2	4.3	1.5	1	4.5	3.3	5
X57579_s_at	—	—	1.9	1.6	2.2	6.7	1.5	3.7	2	12.2	2.4	7.1
X58072_at	Hs.169946	GATA binding protein 3	-50.1	-1.6	-8.2	-14.1	-1.1	-1.5	-43.9	-28.5	-2	-15.6
X62048_at	Hs.249441	WEE1 homolog (S. pombe)	-1.7	-3.1	-9.9	-6.6	-5.8	-3.1	-2	-4.9	-3.9	-4.5
X64072_s_at	Hs.375957	Integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	-5.2	2.4	3.3	1.8	1.7	-1.1	-1.7	1.3	-1.7	4.2
X65614_at	Hs.2862	S100 calcium binding protein P	-65.5	1.3	-1.7	-22.6	-5.6	-1.1	-33.8	-2.3	1.1	-6.7
X66945_at	Hs.748	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Plekfer syndrome)	3.2	2.9	12.7	4.9	5.3	1.7	10.9	-1.4	-2.4	1.5
X67491_f_at	Hs.355697	glutamate dehydrogenase 1	-5.6	-4.7	-3.8	-5.1	-5.7	-2.3	-3.6	-3.4	-3	-2.3
X68194_at	Hs.80919	synaptophysin-like protein	-8.7	-1.8	-5.6	-5.6	-4	-3.6	-14.1	-3.7	-1.8	-8.2
X73882_at	Hs.254605	microtubule-associated protein 7	-6.9	-6	-6.9	-6.3	-5.5	-4	-1.3	-7.7	-1.8	-2.9
X78520_at	Hs.372528	chloride channel protein 3	-9.6	-4.2	-5.9	-17.1	-6.1	-3.3	-7.9	-15.7	-3.2	-5.8
X78549_at	Hs.51133	PTK6 protein tyrosine kinase 6	-6.1	1.4	-1.1	-10.5	-2.7	-2.7	-5.6	-1.1	1.4	-2.5
X78565_at	Hs.98998	tenascin C (hexabrachion)	1.8	5.8	3.8	5.2	3.4	4.3	3.9	6.7	3.3	4.6
X78869_at	Hs.79088	reticulocalbin 2, EF-hand calcium binding domain	1.3	-2.6	-4	-5.1	-4.2	-1.6	-7.8	-2.8	-2.4	-3.8
X83618_at	Hs.59889	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	-18.1	-1.5	-17.6	-35.5	-9.5	-1.1	-6.9	-16.7	-5.9	-11.2
X84908_at	Hs.78060	phosphorylase kinase, beta	-2.8	-2.3	-3	-3.2	-5.2	-5	-3.9	-5.7	-1.7	-2.6
X90908_at	Hs.147391	fatty acid binding protein 6, ileal (gastrotropin)	-1.2	2.1	1.9	-1.2	7.6	1.6	-1.4	1.8	1.2	-1.1
X91504_at	Hs.389277	ADP-ribosylation factor related protein 1	3.6	3.2	3.2	2.5	2.5	2.1	3.3	4.1	4.4	3.5
X95632_s_at	Hs.387906	abf-interactor 2	-1.1	2.2	2.5	4.2	4.5	5.1	2.9	2.5	1.5	1.6
X97267_ma1_s	—	—	-14.6	-5	-2.3	1.2	-8.3	-2.9	-3	1.5	-5.4	-1.5
Y00705_at	Hs.407656	serine protease inhibitor, Kazal type 1	-55.3	-4.3	-54.3	-102.1	-1.6	-4.2	-42.6	-20.7	-3	-30.9
Y00787_s_at	Hs.624	interleukin 8	82.6	82.5	137.8	15.4	3.7	86.2	-1.7	57.5	2.7	9.3
Y00815_at	Hs.75216	protein tyrosine phosphatase, receptor type, F	-4.3	-2.6	-8	-2.9	-4.1	-2.1	-2.7	-1.6	-1.9	-9.4
Y08374_ma1_a1	—	—	1.6	10.8	17.6	5.4	-2.4	1.9	2	-1.7	1	5
Z12173_at	Hs.334534	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo	-2.7	-2.4	-3.2	-3.4	-3.2	-1.2	-3.2	-4.5	1	-2.4

Fig. 18

Table B3

4

Z19554_s_at	Hs.435800	disease III(D)	7	3	6	3.1	1.8	2.6	2	1.7	1.2	3
Z26491_s_at	Hs.240013	vimentin caldesmon-O-	-38.4	-1.5	-2	-3.7	-4.6	-2.9	-4.8	-2.5	-1.8	-5.3
Z29331_at	Hs.372758	methyltransferase ubiquitin-conjugating enzyme E2H (UBC8)	2.5	3.4	1.7	5.6	3	1.5	2.9	4	1.4	1.8
Z35491_at	Hs.377484	homolog, yeast) BCL2-associated alanine	-5.9	-2.2	-4.6	-5.3	-8.8	-6.2	-2.7	-3.7	-1.1	-9.5
Z48189_at	Hs.82109	synovial	-16.8	-1.1	-2.8	-6.6	-2.4	-1.7	-3.5	-1.6	-1.2	-2
Z48605_at	Hs.421825	inorganic pyrophosphatase 2	-1.5	1.1	-1.9	-2.4	-1.2	-1.4	-1.5	1.2	1.4	1.3
Z74615_at	Hs.172928	collagen, type I, alpha 1	3.8	7	14.1	8.3	5.2	5.6	6.7	4.2	22.1	12.7

Fig. 19

Table C

Average difference gene expression values based on MAS 4.0 (global scaling)	Probeset (GeneFL)	Unigene Build 168	description	709-1	928-1	930-1	934-1	968-1	1006-1	1060-1	1146-1	1161-1	1255-1	370-1	455-1	524-1	810-1	942-1
	D87437_at	Hs.43660	chromosome 1 open reading frame	204	206	257	150	235	190	257	175	227	209	182	226	228	183	187
	L49169_at	Hs.75678	FBJ murine osteosarcoma viral oncogene homolog B	141	171	310	114	140	266	132	136	159	87	181	261	185	161	144
	AF006041_at	Hs.33691	death-associated protein 6	125	68	130	211	50	118	106	79	157	173	107	104	20	185	116
	D83780_at	Hs.43799	KIAA0196 gene product	49	72	51	20	20	48	53	34	102	41	81	108	32	33	109
	D64154_at	Hs.90107	adhesion regulating molecule 1	305	254	289	283	229	382	321	301	252	330	242	404	363	286	386
	D21337_at	Hs.408	collagen, type IV, alpha 6	20	41	20	20	22	39	68	25	20	44	38	65	31	23	20
	M16939_s_at	Hs.820	homoeo box C6	55	129	22	20	74	72	74	42	27	33	30	55	49	26	46
	D87258_at	Hs.75111	protease, serine, 11 (GGF binding)	83	105	225	91	130	337	112	124	97	127	148	229	223	107	243
	U58516_at	Hs.3745	milk fat globule-EGF factor 8 protein	130	147	151	114	434	515	338	213	149	329	196	520	399	219	290
	U45973_at	Hs.17834	skeletal muscle and kidney enriched inositol phosphatase	196	350	211	306	204	493	481	181	239	331	418	297	470	325	342
	U62015_at	Hs.8867	cysteine-rich, angiogenic inducer, 61	20	20	20	20	20	34	20	20	20	20	20	20	25	20	20
	U94855_at	Hs.38125	eukaryotic translation initiation factor 3, subunit 5 epsilon, 47kDa	1276	1682	1060	1711	1012	1294	1618	1835	977	798	1497	1105	1373	1640	1499
	L34155_s_at	Hs.83450	laminin, alpha 3	20	53	83	20	89	55	81	71	43	60	40	89	110	98	131
	U70439_s_at	Hs.84264	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	1811	783	1076	1137	1160	1255	638	1477	1258	941	1134	893	1052	775	1287
	U66702_at	Hs.74824	protein tyrosine phosphatase, receptor type, N polypeptide 2	23	39	155	71	35	39	65	45	23	65	81	37	88	48	116
	HG511-	--	--	84	89	170	115	79	76	52	76	74	63	92	73	71	72	93
	HT511_at	--	--	1159	979	1102	998	1177	900	867	1251	1252	1055	1534	1113	1107	1160	1261
	HT3238_s_at	Hs.79404	DNA segment on chromosome 4 (unique) 234 expressed sequence	41	185	120	113	91	75	115	37	55	90	40	78	97	158	145
	M98528_at	Hs.29513	autocrine motility factor receptor	80	125	113	103	98	52	43	54	39	61	80	79	108	103	42
	M63175_at	Hs.29513	leukotriene B4 12-	471	400	477	1124	560	105	480	213	1296	239	610	1034	807	491	619
	D49387_at	Hs.29458	hydroxydehydrogenase	213	163	132	128	176	134	121	103	92	113	103	90	94	96	96
	HG1879-	--	--	213	163	132	128	176	134	121	103	92	113	103	90	94	96	96
	HT1919_at	Hs.38011	RNA binding motif protein, X	332	290	252	326	287	351	288	362	215	299	300	306	260	292	330
	Z23064_at	Hs.38011	chromosome	203	164	212	172	173	156	137	165	184	146	131	185	172	184	201
	X63469_at	Hs.77100	general transcription factor IIE, polypeptide 2, beta 34kDa	88	95	90	63	170	69	57	64	89	114	70	36	26	66	106
	L38928_at	Hs.11813	5,10-methylenetetrahydrofolate	88	95	90	63	170	69	57	64	89	114	70	36	26	66	106

Fig. 19

Table C

		1	synthetase (5-formyltetrahydrofolate cyclo-ligase)	168	70	158	117	138	109	100	114	127	89	120	110	122	134	139	
U21858_at	Hs.60679		TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa																
M64572_at	Hs.40566	6	protein tyrosine phosphatase, non- receptor type 3	29	20	134	103	20	20	20	88	132	20	138	122	63	20	167	
Probeset (GeneFL)	Build 168		description	1008- 1 R	1086- 1 R	1105- 1 R	1145- 1 R	1327- 1 R	1352- 1 R	1379- 1 R	441-1 R	533-1 R	679-1 R	692-1 R	780-1 R	815-2 R	829-1 R	861-1 R	925- 1 R
D87437_at	Hs.43660		chromosome 1 open reading frame	273	415	227	235	273	208	385	267	320	204	179	289	316	335	221	334
L49169_at	Hs.75678	16	FBJ murine osteosarcoma viral oncogene homolog B	364	240	233	202	460	286	353	239	186	386	367	174	247	372	113	310
AF006041_at	Hs.33691	6	death-associated protein 6	105	323	241	124	166	142	161	239	156	136	163	264	191	269	185	202
D83780_at	Hs.43799	1	KIAA0196 gene product	89	20	93	123	125	78	100	124	120	56	100	86	109	105	111	57
D64154_at	Hs.90107	1	adhesion regulating molecule 1	293	555	364	449	390	392	375	348	531	484	283	312	287	441	331	366
D21337_at	Hs.408		collagen, type IV, alpha 6	118	55	59	54	147	56	72	57	46	31	87	22	36	227	20	67
M16938_s_at	Hs.820		homeo box C6	54	121	80	36	113	26	78	69	99	101	74	197	132	70	47	144
D87258_at	Hs.75111		protease, serine, 11 (GG binding)	244	151	148	205	220	233	442	319	427	272	404	353	102	250	117	218
U58516_at	Hs.3745		milk fat globule-ECG factor 8 protein	691	543	523	387	685	154	364	555	488	298	543	394	257	337	241	436
U45973_at	Hs.17834	7	skeletal muscle and kidney enriched inositol phosphatase	701	791	489	348	403	362	403	493	319	367	286	365	390	600	402	477
U62015_at	Hs.8867	61	cysteine-rich, angiogenic inducer,	33	20	35	23	56	20	25	54	31	55	221	60	20	20	20	44
U94855_at	Hs.38125	5	eukaryotic translation initiation factor 3, subunit 5 epsilon, 47kDa	901	889	884	722	528	1832	966	1082	605	864	1078	688	801	802	1904	1519
L34155_at	Hs.83450		lamrin, alpha 3	80	20	116	20	20	49	30	30	20	20	52	25	20	24	55	20
U70439_s_at	Hs.84264		acidic (leucine-rich) nuclear phosphoprotein 32 family, member	859	1171	697	681	523	784	755	846	693	803	833	999	802	988	1314	669
U66702_at	Hs.74624		protein tyrosine phosphatase, receptor type, N polypeptide 2	62	50	30	31	20	26	30	25	39	22	45	26	20	36	20	52
HG511-	--	--	--	70	46	47	58	53	46	45	71	56	50	51	24	41	96	111	20
HT511_at	--	--	--	884	693	970	832	919	855	1199	941	900	848	904	866	1121	895	1340	722
HG3076-	--	--	--	884	693	970	832	919	855	1199	941	900	848	904	866	1121	895	1340	722
HT3238_s_at	Hs.79404		DNA segment on chromosome 4 (unique) 234 expressed sequence	94	20	83	108	21	52	22	26	105	20	20	20	91	20	42	20
M98528_at	Hs.29513	7	autocrine motility factor receptor	48	96	42	70	52	82	20	39	39	39	49	57	39	37	37	49
M63175_at	Hs.29458	4	leukotriene B4 12- hydroxydehydrogenase	328	373	344	97	242	114	610	269	56	186	188	143	100	211	683	440
D49387_at	Hs.38011	8	RNA binding motif protein, X	203	186	164	219	176	321	274	120	204	245	204	201	253	207	401	328
HT1919_at	Hs.77100		general transcription factor IIE, polypeptide 2, beta 34kDa	163	164	142	178	107	194	158	110	99	138	137	122	134	107	158	114
X63469_at	Hs.11813		5,10-methylenetetrahydrofolate	32	20	54	83	46	55	43	34	58	41	71	39	28	28	43	52

WO 2004/040014

PCT/DK2003/000750

Fig. 20

Table D

Acc # on chip	Unigene build	description	Expression data for the 200 best candidates													
			Ta.3	Ta.2	Ta.3	Ta.3.1	Ta.2	T1.3	T1.3	Ta.2	Ta.2	Ta.2	Ta.2	Ta.2	Ta.2	Ta.2
40077	133	NM_003105: Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	150-6	997-1	833-2	070-1	968	625-1	880	815-1	861-1	669-1	368-4	898-1	169	
40084	-	NM_003105: Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	-51	346	201	106	389	255	284	156	361	204	213	255		
40084	-	NM_003105: Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	-95	165	77	61	202	141	65	0	217	88	95	227		
40084	-	NM_003105: Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	473	1260	926	883	1535	1153	1116	915	1487	1121	976	1391		
40232	-	NM_007181: Homo sapiens mitogen-activated protein kinase kinase kinase 1 (MAP4K1), mRNA.	10	153	88	49	51	86	64	87	60	66	86	82		
40238	-	NM_007181: Homo sapiens mitogen-activated protein kinase kinase kinase 1 (MAP4K1), mRNA.	94	237	116	127	20	51	82	1	115	12	-10	77		
40420	-	C6001282.gil4504223[ref NP_000172.1 glucuronidase, beta (Homo sapiens)]	76	313	167	41	108	42	111	109	39	87	33	76		
40460	-	Target Exon	144	121	64	-59	-52	46	-4	-43	-52	-43	-32	-14		
40482	-	Target Exon	25	133	153	179	100	100	135	79	46	84	75	121		
40487	-	NM_022819: Homo sapiens phospholipase A2, group IIF (PLA2G2F), mRNA. VERSION NM_020245.2 GI	34	258	442	426	151	157	66	255	112	245	131	95		
40491	-	NM_024408: Homo sapiens Notch (Drosophila) homolog 2 (NOTCH2), mRNA. VERSION NM_024410.1 GI	197	266	209	173	184	170	237	155	136	175	118	221		
40497	-	Insulin-like growth factor 2 (somatomedin A) (IGF2)	26	889	1073	31	498	40	55	620	863	551	82	699		
40503	-	NM_021628: Homo sapiens arachidonate lipoxigenase 3 (ALOXE3), mRNA. VERSION NM_020229.1 GI	92	91	56	129	73	36	44	33	41	55	30	1		
40537	-	NM_005669: Homo sapiens LIM domain kinase 2 (LIMK2), transcript variant 2a, mRNA.	259	399	289	224	147	244	206	174	157	175	85	217		
40566	-	Target Exon	37	102	56	55	43	-83	40	27	-23	9	16	0		
40600	-	Target Exon	-4	111	94	7	34	50	55	47	64	24	6	50		
40795	-	ESTs	7	47	60	93	217	102	159	94	147	138	112	254		
40804	-	desmoplakin (DPI, DPII)	105	-1	182	191	106	85	163	-4	-19	25	21	37		
40828	-	gp2173d06.r1 Stratagene colon (937204) Homo sapiens cDNA clone 5, mRNA sequence	47	34	158	63	118	71	197	116	52	123	28	147		
40951	-	Hs.54642 methionine adenosyltransferase II, beta	55	470	293	301	404	461	439	237	318	294	310	370		
40955	-	Hs.54941 phosphotyrosine kinase, alpha 2 (liver)	89	150	141	218	148	79	161	136	178	113	32	136		
40958	-	Hs.55044 DKFZP586H42123 protein	172	157	177	250	104	55	92	90	92	74	66	65		
40963	-	Hs.55279 serine (or cysteine) proteinase inhibitor,	48	368	333	573	753	621	768	230	485	402	559	812		

Fig. 20

Table D

41004	Hs.379753	clade B (ovalbumin), member 5	44	191	208	101	227	221	285	176	197	233	237	225
41181	Hs.72241	zinc finger protein 36 (KCOX 18)	310	458	548	573	460	482	499	372	441	485	459	445
41264	Hs.74369	mitogen-activated protein kinase 2	135	183	162	132	103	156	154	89	85	91	46	86
41284	Hs.101395	integrin, alpha 7	192	388	376	332	474	420	460	295	360	483	362	472
41356		hypothetical protein MGCI1352	82	302	189	155	56	122	145	72	93	100	38	130
		gp:601146980F1 NIH_MGC_19 Homo sapiens cDNA clone 5, mRNA sequence												
41378	Hs.13500	ESTs	12	-16	117	136	163	125	52	18	82	113	162	236
41384	Hs.356228	RNA binding motif protein, X chromosome	79	305	242	214	263	267	213	177	189	212	203	285
41392	Hs.75617	collagen, type IV, alpha 2	605	564	1007	753	659	679	845	605	571	488	579	519
41422	Hs.238246	hypothetical protein FLJ22479	168	174	163	177	222	164	222	120	145	124	155	209
41473	Hs.77152	minichromosome maintenance deficient (S. cerevisiae) 7	232	512	624	734	555	534	477	390	299	434	423	461
41476	Hs.77257	KIAA0068 protein	44	390	281	406	348	376	451	307	242	322	263	311
41484	Hs.23823	hair/enhancer-of-split related with YRPW motif-like	88	47	136	134	103	74	58	87	75	36	18	9
41484	Hs.77492	heterogeneous nuclear ribonucleoprotein A0	139	284	307	378	354	315	275	261	330	338	312	436
41489	Hs.116278	Homo sapiens cDNA FLJ13571 fis, clone PLACE1008405	15	72	187	98	214	173	242	112	188	179	179	228
41490	Hs.77597	pole (Drosophila)-like kinase	168	117	182	164	125	123	81	127	95	141	209	168
41491	Hs.72222	hypothetical protein FLJ13459	357	1079	669	1042	443	499	511	646	390	722	572	624
41520	Hs.78202	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	104	454	586	565	425	376	442	303	292	322	258	310
41664	Hs.79404	neuron-specific protein	5	430	213	144	420	272	372	119	222	170	235	263
41681	Hs.80120	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GALNAc-T1)	-63	137	187	157	261	227	288	190	146	195	259	102
41697	Hs.406103	hypothetical protein FKSG44	250	329	394	412	505	409	489	368	406	342	425	521
41761	Hs.82314	hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)	-48	30	160	206	215	222	197	100	108	136	146	134
41783	Hs.82712	fragile X mental retardation, autosomal homolog 1	-32	159	160	175	240	137	129	66	144	95	90	159
41790	Hs.82906	CDC20 (cell division cycle 20, S. cerevisiae, homolog)	477	451	567	588	518	562	508	512	511	542	491	522
41792	Hs.82932	cyclin D1 (PRAD1; parathyroid adenomatosis 1)	108	593	500	439	613	356	688	446	369	502	555	612
41812	Hs.83532	membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)	76	490	360	431	436	491	388	319	429	374	420	623
41832	Hs.84087	KIAA0143 protein	-4	159	164	179	268	259	309	160	157	156	211	204
41850	Hs.85335	Homo sapiens cDNA DKFZp564D1462 (from clone DKFZp564D1462)	41	109	154	197	252	338	257	192	207	262	290	318
41862	Hs.86859	growth factor receptor-bound protein 7	114	225	276	337	271	177	214	231	260	284	220	216
41960	Hs.91521	hypothetical protein	77	108	161	101	97	94	142	28	23	19	13	93
41984	Hs.184544	Homo sapiens, clone IMAGE:3355383, mRNA, partial cds	21	177	106	134	155	180	259	137	165	146	57	214
42007	Hs.94896	PTD011 protein	-30	96	241	248	258	253	255	222	224	237	255	322
42011	Hs.95231	FH1/FH2 domain-containing protein	118	136	156	118	85	107	183	96	77	123	136	107

WO 2004/040014

PCT/DK2003/000750

Fig. 20

Table D

42030	Hs.66219	ESTs	212	426	288	366	199	214	240	225	233	238	203	253
42061	Hs.406637	ESTs, Weakly similar to A47582 B-cell growth factor precursor [H.sapiens]	90	176	184	203	215	152	189	89	61	147	114	143
42073	Hs.367762	ESTs	31	101	67	184	48	87	105	34	42	23	18	11
42102	Hs.101067	GCN5 (general control of amino-acid synthesis, yeast, homolog) like 2	57	384	319	288	148	209	245	135	142	160	140	267
42107	Hs.101474	KIAA0807 protein	115	209	149	201	63	140	148	83	75	149	130	161
42110	Hs.101840	major histocompatibility complex, class I-like sequence	115	220	172	192	175	181	175	154	164	199	198	242
42118	Hs.270563	ESTs, Moderately similar to T12512 hypothetical protein DKFZp434G232.1 [H.sapiens]	243	526	340	321	289	305	295	240	250	244	161	287
42131	Hs.283609	hypothetical protein PRO2032	43	186	131	136	183	190	194	124	148	127	87	298
42147	Hs.104640	HIV-1 inducer of short transcripts binding protein, lymphoma related factor	97	218	195	125	184	123	191	125	183	190	169	208
42150	Hs.285641	KIAA1111 protein	142	441	315	346	341	291	347	218	296	240	229	212
42159	Hs.301685	KIAA0620 protein	206	158	272	196	140	219	272	85	128	80	170	142
42162	Hs.106210	hypothetical protein FLJ10813	32	101	86	77	117	142	115	73	54	113	76	225
42164	Hs.106415	peroxisome proliferative activated receptor, delta	20	169	132	143	134	96	78	54	75	102	60	100
42173	Hs.1420	fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism)	49	1169	819	908	971	527	1044	760	683	762	587	1035
42178	Hs.108258	actin binding protein, macrophin (microfilament and actin filament cross-linker protein)	91	148	197	130	212	210	184	94	69	62	44	113
42198	Hs.110457	Wolf-Hirschhorn syndrome candidate 1	49	46	107	107	76	146	181	40	3	32	56	74
42204	Hs.110953	retinoic acid induced 1	-1	241	137	230	292	244	140	163	125	253	167	332
42206	Hs.104520	Homo sapiens cDNA FLJ13694 fs, clone PLACE200115	30	102	129	199	23	-15	99	16	-24	-17	-1	33
42250	Hs.300741	sorcin	-59	72	150	238	204	82	142	117	218	229	267	217
42291	Hs.121599	CGI-18 protein	112	152	183	195	314	208	191	202	138	159	201	244
42292	Hs.94011	ESTs, Weakly similar to MGB4_HUMAN MELANOMA-ASSOCIATED ANTIGEN B4 [H.sapiens]	73	136	290	195	283	211	268	173	145	173	187	192
42295	Hs.349256	paired immunoglobulin-like receptor beta gb:EST385571 MAGe resequences, MAGM Homo sapiens cDNA, mRNA	365	611	484	569	404	399	462	469	387	397	399	435
42313	-	sequence	86	189	129	107	177	100	179	115	105	76	159	90
42318	Hs.380062	ornithine decarboxylase antizyme 1	5	204	209	199	279	288	259	266	232	269	291	339
42359	Hs.31731	peroxiredoxin 5	-2	361	366	596	515	495	564	421	414	368	323	464
42381	Hs.132955	BC12/adenovirus E1B 19kD-interacting protein 3-like	15	175	249	216	380	455	290	271	271	356	499	445
42396	Hs.136309	SH3-containing protein SH3GLB1	-10	242	111	198	355	267	262	76	218	225	198	336
42424	Hs.143601	hypothetical protein HCL-iso	346	681	426	495	353	358	410	403	376	398	344	385
42441	Hs.146580	enolase 2, (gamma, neuronal)	218	252	196	254	513	363	278	294	222	262	310	677
42490	Hs.153752	cell division cycle 25B	174	146	255	181	163	172	176	136	179	156	181	158
42495	Hs.153937	activated p21cdc42Hs kinase	296	541	506	669	343	524	454	422	332	476	446	454
42509	Hs.154525	KIAA1076 protein	107	245	292	245	278	265	297	167	193	203	145	214
42509	Hs.154545	PDZ domain containing guanine nucleotide exchange factor(GEF)1	154	332	301	372	355	259	330	254	281	236	276	305
42520	Hs.155106	receptor (calcitonin) activity modifying protein 2	232	154	343	176	172	116	216	164	130	150	182	163

Fig. 20

Table D

42522	Hs.155188	TATA box binding protein (TBP)-associated factor, RNA polymerase II, F55KD	53	247	345	291	388	452	357	221	264	292	316	336
42524	Hs.155291	KIAA0005 gene product	52	160	301	300	423	340	376	281	223	283	311	342
42538	Hs.32148	AD-015 protein	137	292	214	136	39	147	142	83	95	118	70	148
42602	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10)	18	293	298	139	390	264	393	206	236	121	108	179
42612	Hs.166994	FAT tumor suppressor (Drosophila)	-103	208	238	381	393	480	413	191	277	286	222	466
42617	Hs.167700	Homo sapiens cDNA FLJ10174 fis, clone HEMBA1003959	61	126	252	364	254	153	262	147	206	245	188	186
42625	Hs.28917	ESTs	-85	-2	184	163	178	137	125	37	191	26	48	168
42646	Hs.117558	ESTs	153	215	133	171	98	84	118	101	96	66	73	106
42646	Hs.363039	methylnalate-semialdehyde dehydrogenase	121	276	225	187	348	348	304	169	277	262	226	291
42650	Hs.170171	glutamate-aminonia ligase (glutamine synthase)	237	449	371	376	500	334	684	256	368	392	398	523
42668	Hs.2056	UDP glycosyltransferase 1 family, polypeptide A9	25	652	637	619	779	740	779	434	352	410	512	486
42679	Hs.303154	popeye protein 3	38	337	247	215	427	392	443	279	310	320	485	371
42698	Hs.173091	ubiquitin-like 3	-57	16	-28	123	162	141	149	-13	194	112	138	104
42723	Hs.356512	ubiquitin carrier protein	271	496	568	433	380	412	355	362	340	356	373	467
42735	Hs.123253	hypothetical protein FLJ22009	122	35	48	-39	36	12	48	117	65	28	71	66
42768	Hs.284232	tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)	62	295	157	219	147	142	214	110	98	86	112	171
42772	Hs.180479	hypothetical protein FLJ20116	78	252	337	349	313	273	212	259	256	321	302	276
42774	Hs.180655	serine/threonine kinase 12	190	232	311	359	277	299	255	234	225	223	207	275
42799	Hs.181369	ubiquitin fusion degradation 1-like	70	239	275	414	278	211	358	145	155	161	139	183
42811	Hs.300855	KIAA0977 protein	139	191	315	177	297	337	338	224	234	203	220	244
42828	Hs.183435	NM_004545;Homo sapiens NADH dehydrogenase (ubiquinone) 1 Delta subcomplex, 1 (7KD, MNLL) (NDUFB1), mRNA.	27	228	184	401	332	330	306	259	269	286	209	370
42831	Hs.356190	ubiquitin B	61	186	211	264	220	161	138	207	194	212	110	248
42871	Hs.190452	KIAA0365 gene product	159	454	280	348	229	216	299	237	162	203	181	192
42890	Hs.146668	KIAA1253 protein	20	165	117	170	244	196	209	65	161	128	96	252
42912	Hs.196914	minor histocompatibility antigen HA-1	72	148	118	139	73	104	93	44	59	36	50	64
42918	Hs.163872	ESTs, Weakly similar to S65657 alpha-1C-adrenergic receptor splice form 2 [H.sapiens]	99	180	197	277	104	143	133	155	63	151	124	103
42931	Hs.198998	conserved helix-loop-helix ubiquitous kinase	114	210	211	112	201	261	262	106	116	117	172	178
42956	Hs.250646	baculoviral IAP repeat-containing 6	108	257	264	174	296	253	302	213	210	218	222	267
42980	Hs.5367	ESTs, Weakly similar to I38022	13	101	192	183	195	273	220	83	128	180	185	174
42995	Hs.226581	hypothetical protein [H.sapiens]	103	241	185	195	253	231	163	147	165	96	171	250
43060	Hs.247309	COX15 (yeast) homolog, cytochrome c oxidase assembly protein	103	241	185	195	253	231	163	147	165	96	171	250
43060	Hs.247309	succinate-CoA ligase, GDP-forming, beta subunit	44	206	224	149	265	291	257	165	131	216	218	322
43067	Hs.359784	desmoglein 2	86	419	378	229	514	407	448	305	528	394	193	468
43074	Hs.406256	ESTs	153	273	203	176	21	133	146	87	120	103	65	157

Fig. 20

Table D

43160	Hs.264190	vacuolar protein sorting 35 (yeast homolog)	-51	130	118	167	209	209	92	130	159	105	98	186
43184	Hs.271473	epithelial protein up-regulated in carcinoma, membrane associated protein	63	98	121	41	14	-32	97	23	19	44	56	49
43185	Hs.271742	ADP-ribosyltransferase (NAD, poly (ADP-ribose) polymerase)-like 3	102	351	266	365	374	386	290	211	144	288	302	337
43225	Hs.293039	ESTs	94	103	113	84	97	36	109	53	68	57	16	106
43232	Hs.274363	neuroglobin	105	299	141	64	94	103	97	79	140	102	57	81
43255	Hs.278411	NCK-associated protein 1	-68	162	167	206	222	192	222	124	221	213	223	316
43286	Hs.359682	calpastatin	-15	108	183	156	210	121	287	3	149	87	108	170
43305	Hs.293003	ESTs, Weakly similar to PC4259 ferritin associated protein (H.sapiens)	220	325	196	190	251	216	262	166	89	159	94	161
43328	Hs.49007	hypothetical protein	-24	14	149	110	104	90	154	83	105	196	164	213
43384	Hs.179647	Homo sapiens cDNA FLJ12195 fis, clone MAMMA1000865	112	118	84	118	34	60	123	65	36	32	64	50
43391	Hs.112160	Homo sapiens DNA helicase homolog (PIF1) mRNA, partial cds	46	-1	35	53	51	90	64	72	70	61	26	83
43405	Hs.3726	x 003 protein	68	477	400	543	473	539	411	270	434	382	374	457
43426	Hs.79187	ESTs	-17	23	160	216	139	123	182	18	114	90	173	278
43454	Hs.106124	ESTs	145	248	174	156	83	102	99	68	70	75	67	176
43483	Hs.273397	KIAA0710 gene product	8	199	65	290	121	85	70	52	24	71	-4	64
43497	Hs.4310	eukaryotic translation initiation factor 1A	18	195	238	238	239	235	201	212	247	247	246	256
43515	Hs.65588	DAZ associated protein 1	240	645	565	613	442	406	440	301	324	336	300	396
43532	Hs.117864	ESTs	59	248	106	182	104	27	158	50	93	70	10	77
43552	Hs.6361	mitogen-activated protein kinase kinase 1 interacting protein 1	67	216	205	282	260	265	238	215	218	248	221	248
43647	Hs.46366	KIAA0948 protein	79	324	340	345	358	401	417	309	313	268	371	418
43657	Hs.77542	ESTs	150	215	236	84	203	202	264	205	133	168	251	313
43722	Hs.330716	Homo sapiens cDNA FLJ14368 fis, clone HEMBA1001122	-88	201	365	400	347	283	395	270	382	452	398	299
43725	Hs.97871	Homo sapiens, clone IMAGE:3845253, mRNA, partial cds	354	536	475	362	328	360	352	285	286	291	213	361
43752	Hs.385719	ESTs	100	173	146	80	81	117	102	47	66	60	28	94
43801	Hs.15670	ESTs	49	89	77	144	100	42	119	121	47	52	77	84
43864	Hs.129037	ESTs	72	220	134	199	143	47	130	86	80	59	65	85
43861	Hs.30738	ESTs	45	257	108	167	107	78	218	52	78	74	40	53
43894	Hs.6451	PRO0659 protein	130	393	262	571	265	229	264	192	181	258	233	241
43901	Hs.75216	Homo sapiens cDNA FLJ13713 fis, clone PLACE2000398, moderately similar to LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48)	89	154	149	146	142	82	135	79	51	100	6	93
43913	Hs.375195	ESTs	177	114	207	178	59	105	88	83	72	70	113	106
43957	Hs.350547	nuclear receptor co-repressor/HDAC3 complex subunit	-37	62	160	125	250	364	402	131	228	210	223	272
43963	Hs.334437	hypothetical protein MGCA248	13	645	501	406	626	562	420	316	489	468	430	972
44001	Hs.6856	ash2 (absent, small, or homeotic, Drosophila, homolog)-like	103	180	192	197	247	276	159	182	210	206	266	258
44010	Hs.156549	ESTs, Weakly similar to T2D3_HUMAN TRANSCRIPTION INITIATION FACTOR TFIIID 135 KDA SUBUNIT [H.sapiens]	29	118	120	104	-15	-15	22	13	25	37	19	74

Fig. 20

Table D

44019	Hs.317714	pallid (mouse) homolog, pallidin	70	12	147	54	182	209	248	227	189	202	236	184
44035	Hs.20950	phospholysine phosphothiolide inorganic pyrophosphatase	179	207	264	249	213	264	220	221	196	227	234	250
44165	Hs.132545	ESTs	104	286	155	104	45	78	52	61	80	118	38	100
44222	Hs.8148	selenoprotein T	-2	85	117	107	185	135	117	55	109	76	135	139
44254	Hs.8375	TNF receptor-associated factor 4	387	770	768	652	581	619	624	592	506	561	506	535
44340	Hs.348514	ESTs, Moderately similar to 2109260A B cell growth factor [H.sapiens]	131	202	255	249	356	290	320	235	207	269	283	286
44347	Hs.398102	Homo sapiens clone FLB3442 PRQ00872 mRNA, complete cds	128	152	86	62	13	81	46	43	80	84	-14	49
44367	Hs.9670	hypothetical protein FLJ10948	262	924	455	547	480	417	481	424	406	411	366	490
44389	Hs.115472	ESTs, Weakly similar to 2004399A	88	227	155	151	24	102	88	65	47	77	21	61
44403	Hs.380932	chromosomal protein [H.sapiens]	61	202	277	402	366	324	333	149	267	322	193	335
44431	Hs.35142	CHMP1, 5 protein	99	61	87	47	-17	51	63	55	31	40	21	59
44433	Hs.10882	ESTs	65	211	231	288	343	338	333	195	255	232	279	345
44460	Hs.11441	HMG-box containing protein 1	8	189	132	156	230	280	257	144	200	195	231	222
44508	Hs.250848	chromosome 1 open reading frame 8	111	99	92	133	79	80	101	79	87	75	102	86
44546	Hs.288649	hypothetical protein FLJ14761	193	484	407	430	458	513	501	297	248	279	267	323
44569	Hs.182099	hypothetical protein MGC3077	80	104	107	204	114	74	165	112	124	120	84	125
44583	Hs.13351	ESTs	42	297	353	303	394	360	416	232	235	337	325	425
44655	Hs.15303	LamC (bacterial) lantibiotic synthetase component C)-like 1	50	149	108	139	133	135	141	57	100	92	108	115
44684	Hs.82845	KIAA0349 protein	7	227	145	49	220	177	157	126	298	165	211	210
44734	Hs.236894	Homo sapiens cDNA: FLJ21930 fig. clone HEP04301, highly similar to HSJ0916 Human clone 23815 mRNA sequence	47	420	343	422	385	309	254	186	347	363	196	513
44740	Hs.18457	ESTs, Highly similar to S02392, alpha-2-macroglobulin receptor precursor [H.sapiens]	107	109	98	118	5	73	96	51	75	79	104	134
44835	Hs.108923	hypothetical protein FLJ20315	225	350	422	395	324	352	316	272	303	244	234	328
44852	Hs.21356	RAB38, member RAS oncogene family	-33	108	147	174	195	180	121	113	121	172	150	198
44862	Hs.178470	hypothetical protein DKFZ62K2015	80	286	349	500	583	384	483	242	557	464	437	453
44878	Hs.257749	hypothetical protein FLJ22662	127	91	118	80	73	116	142	60	79	74	6	91
		Human DNA sequence from clone 366N23 on chromosome 6q27. Contains two genes similar to consecutive parts of the C. elegans UNC-93 (protein 1, C46F11.1) gene, a KIAA0173 and Tubulin-Tyrosine Ligase LIKE gene, a Mitotic Feedback Control Protein MADP2												
44881	Hs.22142	cytochrome b5 reductase b5R.2	261	301	262	577	536	619	631	530	395	339	476	565
44926	Hs.23412	hypothetical protein FLJ20160	-15	143	133	184	171	135	198	25	20	94	95	140
44962	Hs.112860	zinc finger protein 258	52	138	117	228	291	294	243	152	232	158	203	179
45089	Hs.25625	hypothetical protein FLJ11323	146	264	240	171	138	160	164	57	93	101	52	124
45099	Hs.35294	hypothetical protein FLB6421	86	273	260	244	395	330	393	208	243	226	239	298
45116	Hs.60659	ESTs, Weakly similar to T46471	245	318	354	292	230	283	301	282	266	273	267	290
		hypothetical protein DKFZ434L0130.1 [H.sapiens]												
45122	Hs.57655	ESTs	-7	151	48	79	99	1	117	36	12	37	-37	62
45186	Hs.27192	ESTs	8	49	59	86	43	91	128	-30	4	44	64	34
45197	Hs.211046	hypothetical protein dL1057B20.2	92	222	178	133	146	136	143	98	81	103	36	123

Table D

Fig. 20

Acc # on chip	Unigene build	description	Ta_2_576-6	Ta_2_747-3	Ta_3_956-2	Ta_2_1083-1	Ta_2_679-2	Ta_2_686-3	Ta_2_795-13	Ta_2_865-1	Ta_3_112-2	Ta_3_825-3	Ta_3_941-4	T1_2_607-1	T1_3_1017-3	T1_3_1017-3.1	T1_3_3.5	T1_3_744-1
45201	Hs.279766	kinasin family member 4A	150	66	133	161	159	139	135	118	60	52	67	110				
45217	Hs.28285	patched related protein translocated in renal cancer	-30	68	204	172	185	121	191	94	71	160	162	164				
45251	-	gbc:FC-BT068-130399-068 BT068 Homo sapiens cDNA, mRNA sequence	129	267	184	137	172	126	110	56	102	122	48	136				
45282	Hs.63368	ESTs, weakly similar to TRHY_HUMAN TRICHOHYALIN [H.sapiens]	43	98	131	106	155	243	167	92	116	79	114	150				
45292	Hs.172816	mannosidase, alpha, class 2A, member 1	109	41	125	62	16	19	25	22	39	19	-33	32				
45339	Hs.377915	gbc:RC2-ST0158-091099-011-405 ST0158	42	314	331	228	313	409	308	221	267	202	229	270				
45463	-	gbc:RC2-ST0158-091099-011-405 ST0158	143	167	160	177	97	111	109	60	149	89	9	81				
45653	Hs.399939	Homo sapiens cDNA, mRNA sequence gbc:nc38d05.t1.NCI_CGAP_P12 Homo sapiens cDNA clone, mRNA sequence	36	208	51	125	136	16	181	37	-20	14	37	82				
45722	Hs.195471	Human cosmid CRI-IC2015 at D10S289	222	383	232	181	154	207	151	137	159	141	125	172				
45813	Hs.103267	hypothetical protein FLJ22548 similar to gene trap PAT 12	50	226	134	70	82	150	114	-9	56	82	-4	51				
40077	-	NM_003105*Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	439	136	77	239	84	124	147	72	114	227	300	194	98	88	142	
40084	-	NM_003105*Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	587	77	-29	199	42	10	38	54	96	224	344	185	18	15	226	
40084	-	NM_003105*Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	332	-27	-79	106	-34	-34	-37	2	1	29	157	49	58	-24	66	
40084	-	NM_003105*Homo sapiens sortilin-related receptor, L(DLR class) A repeats-containing (SORL1), mRNA.	2009	764	513	807	575	570	504	724	743	1031	1218	854	593	541	878	
40232	-	NM_007181*Homo sapiens mitogen-activated protein kinase kinase	117	10	77	65	80	24	72	139	235	28	136	129	88	144	153	
40238	-	NM_007181*Homo sapiens mitogen-activated protein kinase kinase	105	177	136	121	209	155	198	135	146	137	118	101	158	100	95	
40420	-	CG601282.gil4504223reflNP_000172.1 glucuronidase, beta (Homo sapiens)	134	110	95	131	198	110	104	189	261	148	134	201	129	110	131	
40460	-	Target Exon	157	81	69	173	259	208	161	92	31	2	109	29	58	-3	84	
40482	-	Target Exon	154	193	128	114	274	26	61	180	248	136	217	180	206	169	115	
40487	-	NM_022819*Homo sapiens phospholipase A2, group IIF (PLA2G2F), mRNA, VERSION NM_020245.2 GI	279	452	106	192	269	53	75	353	379	223	665	546	277	358	760	
40491	-	NM_024408*Homo sapiens Notch (Drosophila) homolog 2 (NOTCH2), mRNA, VERSION NM_024410.1 GI	141	266	226	204	165	184	186	215	227	212	203	276	282	230	329	
40497	-	Insulin-like growth factor 2 (somatomedin A) (IGF2)	685	140	41	151	379	-4	53	632	875	532	795	41	73	195	-5	
40503	-	NM_021628*Homo sapiens arachidonate lipoxygenase 3 (ALOXE3), mRNA.	126	103	127	62	186	107	142	87	89	32	174	124	96	143	149	

Fig. 20

Table D

40537	-	VERSION NM_020229.1 GI NM_005569.1; homo sapiens LIM domain kinase 2 (LIMK2), transcript variant 2a, mRNA.	315	253	291	295	377	280	399	326	263	203	355	265	302	258	355
40566	-	Target Exon	26	105	-39	160	127	109	42	96	141	66	138	148	82	41	128
40600	-	Target Exon	72	90	96	122	137	111	185	113	87	48	131	80	106	119	63
40795	HS_9343	ESTs	145	-11	150	21	11	8	1	57	105	63	71	44	55	70	58
40804	HS_345588	desmoplakin (DP1, DP1)	-9	92	341	53	52	224	89	157	150	274	18	213	75	181	9
40828	HS_16886	gb:zr3d06.r1 Stratiogene colon (937204) Homo sapiens cDNA clone 5, mRNA sequence	45	96	96	107	79	14	72	46	49	-20	36	116	103	48	8
40951	HS_54642	methionine adenosyltransferase II, beta	345	120	170	159	155	98	29	226	301	420	308	295	305	214	261
40955	HS_54941	phosphorylase kinase, alpha 2 (liver)	63	180	170	146	194	148	147	244	251	83	142	149	146	219	136
40958	HS_55044	DKFZP568h2123 protein	102	211	398	165	151	180	194	179	157	89	184	166	195	198	149
40963	HS_55279	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5	756	398	137	348	172	234	26	185	290	515	306	164	165	380	161
41004	HS_379753	zinc finger protein 36 (KOX 16)	297	153	170	134	132	66	51	106	145	116	153	174	42	61	106
41181	HS_72241	mitogen-activated protein kinase kinase 2	496	466	504	410	426	417	273	428	527	568	647	690	585	530	625
41264	HS_74369	integrin, alpha 7	88	148	483	129	194	198	290	186	206	49	149	153	193	230	173
41284	HS_101395	hypothetical protein MGC11352	489	380	247	180	222	215	225	513	345	380	403	338	305	243	278
41356	-	gb:601146990F1 NIH_MGC_19 Homo sapiens cDNA clone 5, mRNA sequence	213	196	187	136	251	118	192	214	171	169	222	178	205	212	262
41378	HS_13500	ESTs	20	-32	63	-9	-47	-66	-53	24	98	135	29	27	0	15	51
41384	HS_356228	RNA binding motif protein, X chromosome	234	184	227	65	98	110	82	219	228	276	240	161	151	122	159
41392	HS_75617	collagen, type IV, alpha 2	620	760	1315	535	693	1117	763	1025	1026	575	734	1076	953	108	774
41422	HS_238246	hypothetical protein FLJ22479	145	202	334	175	200	142	194	225	223	99	186	248	202	269	241
41473	HS_77152	minichromosome maintenance deficient (S. cerevisiae) 7	596	571	509	311	449	483	185	553	621	523	726	697	664	612	600
41476	HS_77257	KIAA0068 protein	433	322	194	149	115	169	28	217	304	313	304	311	163	175	208
41484	HS_23823	hairy/enhancer-of-split related with YRPW motif-like	41	143	151	112	190	193	213	175	170	-36	57	189	161	179	102
41484	HS_77492	heterogeneous nuclear ribonucleoprotein A0	252	263	328	164	176	192	147	198	262	266	210	264	253	244	283
41489	HS_116278	Homo sapiens CDNA FLJ13571 fis, clone PLACE1008405	56	61	130	45	21	-46	0	140	144	144	93	117	25	69	47
41490	HS_77397	polo (Drosophila)-like kinase	219	184	187	142	234	170	152	242	196	158	242	262	224	229	230
41491	HS_72222	hypothetical protein FLJ13459	529	1103	542	655	694	552	522	1185	1063	288	1011	1296	1146	932	157
41520	HS_78202	SWI/SNF related, matrix associated, actin dependent, regulator of chromatin, subfamily a, member 4	596	441	435	216	382	334	208	424	540	482	534	591	512	496	568
41664	HS_79404	neuron-specific protein	329	61	81	42	57	16	63	150	133	299	76	99	8	25	39
41681	HS_80120	UDP-N-acetyl-alpha-D- galactosamine:polypeptide N- acetylgalactosaminyltransferase 1 (GALNAc-T1)	285	25	-29	11	-20	-25	-91	14	64	243	58	138	-38	70	36
41697	HS_406103	hypothetical protein FSG44	393	393	360	243	273	241	147	375	397	355	368	369	322	385	415
41761	HS_82314	hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)	17	98	43	-33	-17	42	-69	45	117	129	-5	62	-3	-20	-13
41763	HS_82712	fragile X mental retardation, autosomal homolog 1	146	40	112	18	12	13	-41	33	98	127	80	117	62	40	73

Fig. 20

Table D

41790	Hs.82906	CDC20 (cell division cycle 20, S. cerevisiae, homology)	612	589	562	506	552	540	423	586	639	606	730	774	837	771	715
41792	Hs.82932	cyclin D1 (PRAD1; parathyroid adenomatosis 1)	530	368	263	277	116	311	169	582	408	325	409	292	158	297	174
41812	Hs.83532	membrane cofactor protein (CD46, trophoblast-hyphocyte cross-reactive antigen)	546	273	183	168	155	210	26	231	308	392	395	303	268	248	287
41832	Hs.84087	KIAA0143 protein	147	105	169	1	-1	59	31	86	187	94	117	131	84	80	68
41850	Hs.85335	Homo sapiens mRNA, cDNA DKFZ564D1462 (from clone DKFZ564D1462)	201	93	29	48	43	114	73	184	147	229	88	144	105	66	130
41862	Hs.86859	growth factor receptor-bound protein 7	360	323	189	227	157	187	118	270	411	263	363	364	377	399	414
41960	Hs.91521	hypothetical protein	108	119	312	46	89	145	135	179	182	76	54	191	209	199	104
41984	Hs.184544	Homo sapiens, clone IMAGE:3355383, mRNA, partial cds	217	59	35	21	-42	30	-70	60	178	120	120	189	83	85	51
42007	Hs.94896	PTD011 protein	283	134	110	52	45	36	-28	112	179	143	175	211	172	171	119
42011	Hs.95231	FH1/FH2 domain-containing protein	117	177	250	134	105	174	140	163	196	52	173	177	225	270	316
42030	Hs.86219	ESTs	286	281	326	246	283	242	225	332	327	204	290	303	346	380	507
42061	Hs.406637	ESTs, Weakly similar to A47582 B-cell growth factor precursor [H.sapiens]	164	66	132	64	12	134	41	90	143	112	103	150	104	102	41
42073	Hs.367762	ESTs	-4	64	47	101	76	55	49	138	105	36	149	144	108	132	159
42102	Hs.101067	GCN5 (general control of amino-acid synthesis, yeast, homology-like 2)	193	216	168	179	191	33	76	297	320	229	308	331	288	316	458
42107	Hs.101474	KIAA0807 protein	147	198	280	148	147	149	103	175	170	106	203	134	256	184	185
42110	Hs.101840	major histocompatibility complex, class I-like sequence	163	144	103	93	133	32	80	143	99	272	90	172	82	118	155
42118	Hs.270563	ESTs, Moderately similar to T12512 hypothetical protein DKFZp434G232.1 [H.sapiens]	419	287	378	371	433	411	538	360	270	362	449	378	402	379	437
42131	Hs.283609	hypothetical protein PRO2032	297	18	195	7	-53	22	36	64	160	84	146	70	97	55	96
42147	Hs.104640	HIV-1 inducer of short transcripts binding protein; lymphoma related factor	171	142	113	96	62	52	16	142	206	147	122	207	118	94	158
42150	Hs.285641	KIAA1111 protein	287	318	310	237	294	216	294	359	413	285	325	379	369	311	439
42159	Hs.301685	KIAA0620 protein	129	229	422	139	176	281	175	232	310	72	161	329	275	335	192
42162	Hs.106210	hypothetical protein FLJ10813	32	13	18	-16	-26	-27	-50	28	116	79	0	141	75	44	13
42164	Hs.106415	peroxisome proliferative activated receptor, delta	102	168	165	95	105	125	179	132	142	84	191	154	142	168	177
42173	Hs.1420	fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism)	912	285	222	174	192	277	140	772	534	1025	965	298	234	469	132
42178	Hs.108258	actin binding protein; macrophin (microfilament and actin filament cross-linker protein)	105	199	251	140	133	75	103	155	214	100	120	190	227	221	164
42198	Hs.110457	Wolf-Hirschhorn syndrome candidate 1	129	84	117	109	93	84	25	127	55	30	88	156	140	149	212
42204	Hs.110953	retinoic acid induced 1	276	149	122	59	-57	39	64	107	103	160	88	106	130	146	90
42206	Hs.104520	Homo sapiens cDNA FLJ13694 tfs, clone PLACE2000115	-31	123	88	38	21	73	-30	71	174	-52	111	142	167	188	186
42250	Hs.300741	sorcin	263	86	66	19	-43	148	-46	64	156	122	106	187	-57	75	0
42291	Hs.121599	CGI-18 protein	234	161	195	120	81	146	63	184	119	212	97	192	127	85	87
42292	Hs.94011	ESTs, Weakly similar to MGB4_HUMAN MELANOMA-ASSOCIATED ANTIGEN B4 [H.sapiens]	213	152	169	73	19	40	58	99	186	326	89	179	29	63	91
42295	Hs.349256	paired immunoglobulin-like receptor beta	378	638	558	457	453	412	449	480	718	309	531	428	622	687	713

Fig. 20

Table D

42313		gb:EST385571 MAGI2 resequences, MAGM Homo sapiens cDNA, mRNA	72	182	136	189	171	102	201	197	171	23	210	160	201	223	199
42318	Hs.380062	sequence	239	169	201	118	90	125	58	157	172	182	128	169	172	154	129
42359	Hs.31731	ornithine decarboxylase antizyme 1	323	299	352	151	45	176	68	213	335	341	158	334	286	215	341
42381	Hs.132955	BC12adenovirus E1B 19kD-interacting protein 3-like	303	289	245	239	73	225	7	147	368	133	109	143	138	158	119
42396	Hs.136309	SH3-containing protein SH3GLB1	312	83	231	45	7	73	46	148	172	74	128	82	95	148	188
42424	Hs.143601	hypothetical protein HCLA-iso	391	451	389	396	376	375	343	510	569	362	699	461	588	564	822
42441	Hs.146580	enolase 2, (gamma, neuronal)	281	491	408	303	286	289	293	506	549	184	294	574	519	348	620
42490	Hs.153752	cell division cycle 25B	128	197	476	165	142	184	141	217	234	225	219	396	463	319	393
42495	Hs.153937	activated p21cdc42Hs kinase	549	565	517	472	477	384	402	594	750	358	718	658	777	587	771
42509	Hs.154525	KIA1076 protein	329	208	265	190	196	184	143	254	303	234	248	300	345	302	316
42509	Hs.154545	PDZ domain containing guanine nucleotide exchange factor(GEF)1	426	208	287	223	179	186	120	236	277	216	244	269	251	283	228
42520	Hs.155106	receptor (calicron) activity modifying protein 2	182	216	405	199	233	265	297	238	263	116	154	338	245	304	287
42522	Hs.155188	TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD	311	183	175	146	187	100	87	188	97	337	322	315	121	254	395
42524	Hs.155291	KIAA0005 gene product	314	287	261	102	10	99	-6	203	321	288	60	187	121	187	164
42538	Hs.32148	AD-015 protein	254	151	236	239	255	213	268	224	181	143	276	179	201	202	245
42602	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10)	477	154	10	-23	17	4	-54	166	272	323	238	189	41	19	103
42612	Hs.166994	FAT tumor suppressor (Drosophila)	253	278	24	91	-42	48	-52	196	186	378	232	283	42	60	43
42617	Hs.167700	Homo sapiens cDNA FLJ10174 lis. clone HEMBA1003959 homolog	225	122	218	86	77	90	110	147	296	236	148	146	104	187	252
42625	Hs.28917	ESTs	155	2	7	-34	-50	-19	-44	-46	75	67	8	5	-56	-6	103
42646	Hs.117558	ESTs	55	165	140	169	144	165	162	154	175	11	151	155	236	180	214
42646	Hs.363039	methylnalonaate-semialdehyde dehydrogenase	264	176	195	145	99	137	118	214	171	361	282	202	260	196	175
42650	Hs.170171	glutamate-ammonia ligase (glutamine synthase)	526	240	417	252	223	351	128	236	305	441	174	302	257	398	301
42668	Hs.2056	UDP glycosyltransferase 1 family, polypeptide A9	725	649	219	321	126	153	94	437	728	786	18	727	266	146	305
42679	Hs.303154	popery protein 3	324	200	310	108	120	128	3	235	295	166	14	188	164	181	83
42688	Hs.173091	ubiquitin-like 3	131	-25	99	-15	-14	-43	-67	23	32	-85	-35	-22	-28	-23	-6
42723	Hs.356512	ubiquitin carrier protein	470	428	377	368	429	366	351	391	485	440	522	630	601	568	774
42735	Hs.123253	hypothetical protein FLJ22009	102	145	116	172	143	126	61	93	81	23	54	55	60	89	148
42768	Hs.284232	tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)	105	247	216	96	210	65	143	271	386	118	121	124	262	344	448
42772	Hs.180479	hypothetical protein FLJ20116	291	255	57	176	83	78	6	167	338	225	183	454	129	235	322
42774	Hs.180655	serine/threonine kinase 12	326	322	327	204	294	303	136	272	288	367	446	431	471	362	432
42799	Hs.181369	ubiquitin fusion degradation 1-like	300	240	326	153	254	254	138	223	295	206	306	328	345	312	302
42811	Hs.300855	KIAA0977 protein	207	212	165	184	80	97	40	148	233	264	164	180	173	196	199
42828	Hs.183435	NM_004545:Homo sapiens NADH dehydrogenase (ubiquinone) 1 Delta subcomplex, 1 (7kD, MNLL) (NDUFB1), mRNA.	222	138	288	59	71	180	30	126	153	301	151	187	199	268	194
42831	Hs.356190	ubiquitin B	190	196	175	114	162	114	102	114	142	166	131	121	125	133	99

Fig. 20

Table D

42871	Hs.190452	KIAA0365 gene product	270	365	340	239	277	181	230	336	468	117	404	335	391	380	467
42890	Hs.146668	KIAA1253 protein	232	80	210	12	6	143	-16	91	88	158	39	161	63	66	54
42912	Hs.196914	minor histocompatibility antigen HA-1	99	110	309	110	146	113	124	136	94	112	184	135	143	213	
42918	Hs.163872	ESTs, Weakly similar to S65657 alpha-1C-adrenergic receptor splice form 2 (Hs sapiens)	71	262	349	172	217	115	108	312	185	156	320	257	210	203	304
42931	Hs.198998	conserved helix-loop-helix ubiquitous kinase	149	123	151	86	78	53	22	146	175	167	110	202	106	131	142
42956	Hs.250846	baculoviral IAP repeat-containing 6	412	178	176	99	129	146	99	180	213	189	191	204	209	204	184
42980	Hs.5367	ESTs, Weakly similar to J38022	172	139	79	49	-80	8	-13	109	164	83	78	211	36	118	59
42995	Hs.226581	hypothetical protein (Hs sapiens)	274	119	175	119	-2	74	30	140	123	177	168	214	135	131	99
43060	Hs.247309	COX15 (yeast) homolog, cytochrome c oxidase assembly protein	169	86	140	80	67	60	-38	120	169	267	135	158	133	63	84
43067	Hs.359784	succinate-CoA ligase, GDP-forming, beta subunit	456	203	100	159	54	174	83	219	228	512	250	299	193	110	152
43074	Hs.406256	desmoglein 2	254	159	236	194	235	189	258	218	153	204	260	180	252	192	210
43160	Hs.264190	ESTs	249	49	54	33	38	-36	-9	65	172	125	135	114	51	46	124
43184	Hs.271473	vacuolar protein sorting 35 (yeast) homolog	71	85	198	57	106	53	132	102	92	100	172	37	105	69	144
43185	Hs.271742	epithelial protein up-regulated in carcinoma, membrane associated protein 17	259	258	199	168	47	125	129	222	223	290	144	251	277	160	144
43225	Hs.293039	ADP-ribosyltransferase (NAD, poly (ADP-ribose) polymerase)-like 3	27	124	252	111	130	107	106	124	155	10	135	159	94	91	185
43232	Hs.274363	neuroglobin	201	163	124	165	218	193	238	204	145	128	223	169	140	128	227
43255	Hs.278411	NCK-associated protein 1	241	79	186	41	46	27	7	75	157	182	122	128	76	91	104
43286	Hs.359682	calpastatin	70	72	57	16	-39	-8	-87	74	105	111	41	7	-13	61	39
43305	Hs.293003	ESTs, Weakly similar to PCA259 ferritin associated protein (Hs sapiens)	145	260	213	239	287	171	266	287	244	101	251	273	297	215	291
43328	Hs.49007	hypothetical protein	98	22	53	-48	-54	59	-44	10	19	92	30	14	-10	39	32
43384	Hs.179647	Homo sapiens cDNA FLJ12195 fs, clone MAMMA1000865	117	130	129	117	95	102	105	113	173	13	141	123	203	175	168
43391	Hs.112160	Homo sapiens DNA helicase homolog (PIF1) mRNA, partial cds	56	112	142	67	107	50	57	105	72	24	109	117	215	85	147
43405	Hs.3726	Hs.3726	458	271	387	139	170	240	170	260	312	402	411	400	369	292	245
43426	Hs.79187	ESTs	207	75	-22	8	-22	-2	-40	30	3	230	74	52	196	27	103
43454	Hs.106124	ESTs	185	126	203	196	301	201	221	207	120	121	257	184	180	200	145
43483	Hs.273397	KIAA0710 gene product	112	175	139	52	76	103	91	202	74	74	98	240	183	167	378
43497	Hs.4310	eukaryotic translation initiation factor 1A	262	125	159	86	75	83	7	90	123	181	198	179	104	202	191
43515	Hs.65588	DAZ associated protein 1	626	445	545	328	387	427	328	504	481	436	548	526	542	516	642
43532	Hs.117864	ESTs	81	125	157	95	156	117	172	161	182	115	195	117	151	191	261
43552	Hs.6361	mitogen-activated protein kinase 1 interacting protein 1	368	121	170	109	145	99	123	157	151	192	124	270	209	130	125
43647	Hs.46366	KIAA0948 protein	413	277	358	191	189	213	92	239	297	203	197	350	251	324	243
43657	Hs.77542	ESTs	257	185	348	111	26	76	12	138	246	183	140	111	118	81	59
43722	Hs.330716	Homo sapiens cDNA FLJ14368 fs, clone HEMBA1001122	420	121	216	71	51	140	-36	220	312	222	110	158	192	167	209
43725	Hs.97871	Homo sapiens, clone IMAGE:3845253, mRNA, partial cds	429	388	420	365	436	369	369	418	435	345	437	415	415	417	554
43752	Hs.385719	ESTs	113	91	188	124	162	52	105	143	98	139	162	67	141	93	162
43801	Hs.15670	ESTs	76	165	163	125	144	100	113	137	226	-45	171	116	89	182	169

Fig. 20

Table D

43864	Hs.129037	ESTs	52	179	174	138	125	114	122	207	173	12	180	105	153	171	210
43881	Hs.30738	ESTs	20	231	181	137	132	53	95	188	269	29	206	197	213	172	199
43894	Hs.6451	PROO659 protein	202	426	379	259	233	197	198	324	527	185	378	357	668	448	477
43901	Hs.75216	Homo sapiens cDNA FLJ13713 fls, clone PLACE2000398, moderately similar to LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48)	105	159	150	160	144	186	127	178	173	92	194	107	200	184	209
43913	Hs.375195	ESTs	121	157	281	152	170	262	111	212	160	222	137	179	165	177	138
43957	Hs.350547	nuclear receptor co-repressor/HDAC3 complex subunit	113	150	40	56	55	2	8	190	138	257	54	334	135	103	94
43963	Hs.334437	hypothetical protein MGC4248	477	303	121	131	176	180	115	422	316	391	372	405	326	231	140
44001	Hs.8856	ash2 (absent, small, or homeotic, Drosophila, homolog)-like	248	211	213	97	90	98	46	116	247	215	183	163	183	155	106
44010	Hs.158549	ESTs, Weakly similar to T2D3_HUMAN TRANSCRIPTION INITIATION FACTOR TFIID 135 KDA SUBUNIT [H.sapiens]	46	79	121	85	91	71	12	34	196	-15	88	122	14	125	101
44019	Hs.317714	pallid (mouse) homolog, pallidin	129	85	141	77	23	16	-24	52	88	144	74	135	47	18	70
44035	Hs.20950	phosphotyrosine phosphatidase inorganic pyrophosphate phosphatase	170	123	216	157	126	145	51	178	203	126	146	207	196	218	145
44165	Hs.132545	ESTs	178	139	155	137	181	92	199	139	127	145	178	225	130	169	171
44222	Hs.8148	selenoprotein T	148	32	15	-11	-19	-14	-27	18	114	90	48	130	6	68	21
44254	Hs.8375	TNF receptor-associated factor 4	695	685	496	531	495	433	383	681	807	636	856	761	892	791	114
44340	Hs.348514	ESTs, Moderately similar to 2109260A B cell growth factor [H.sapiens]	295	166	178	136	153	78	36	192	228	265	222	246	247	184	255
44347	Hs.398102	Homo sapiens clone FLB3442 PRO00872 mRNA, complete cds	42	93	133	101	150	126	135	129	157	45	186	109	121	105	128
44367	Hs.9670	hypothetical protein FLJ10948	430	538	650	488	471	426	506	558	641	318	650	419	652	620	750
44389	Hs.115472	ESTs, Weakly similar to 2004399A chromosomal protein [H.sapiens]	108	66	105	141	196	103	202	158	187	81	212	83	144	175	199
44403	Hs.380932	CHMP1.5 protein	238	196	205	78	61	28	58	169	235	287	198	202	278	257	194
44431	Hs.351142	ESTs	51	112	149	90	118	86	106	59	105	43	114	124	95	115	70
44433	Hs.10882	HMG-box containing protein 1	380	253	256	125	29	186	34	126	292	244	167	212	153	234	189
44460	Hs.11441	chromosome 1 open reading frame 8	233	105	164	29	19	60	-54	117	188	125	137	147	106	83	106
44508	Hs.250848	hypothetical protein FLJ14761	96	175	135	105	137	114	136	188	146	20	176	86	46	157	164
44546	Hs.288649	hypothetical protein MGC3077	502	385	316	279	414	323	235	406	387	386	519	552	538	493	624
44569	Hs.182099	ESTs	85	174	116	146	94	80	102	190	251	44	173	176	193	182	132
44583	Hs.13351	Lanc (bacterial lanthiotic synthetase component C)-like 1	213	142	268	150	175	122	114	230	278	294	181	254	211	144	216
44655	Hs.15303	KIAA0349 protein	136	122	83	-11	15	40	31	69	128	36	114	175	54	89	64
44684	Hs.82845	Homo sapiens cDNA: FLJ21930 fls, clone HEPD4301, highly similar to HSD10916	413	61	-23	143	7	14	11	77	48	53	194	73	7	20	116
44734	Hs.236894	Human clone 23815 mRNA sequence ESTs, Highly similar to S02392, alpha-2- macroglobulin receptor precursor [H.sapiens]	396	200	73	70	92	99	57	152	265	460	304	426	207	99	232
44740	Hs.18457	hypothetical protein FLJ20315	128	201	49	127	104	105	83	94	145	35	162	179	168	176	131
44835	Hs.108923	RAB38, member RAS oncogene family	512	329	171	301	174	240	127	199	303	299	244	256	236	195	189
44852	Hs.21356	hypothetical protein DKFZ762K2015	267	68	42	28	56	8	-72	25	94	152	89	114	62	114	107
44862	Hs.178470	hypothetical protein FLJ22662	34	148	236	135	66	232	153	105	54	397	321	194	232	285	302
44878	Hs.267749	Human DNA sequence from clone	117	150	222	124	160	81	146	142	123	78	155	195	115	167	121

Fig. 20

Table D

4481	Hs.22142	cytochrome b5 reductase b5R.2	582	337	304	292	248	293	259	270	404	303	265	323	439	291	342
4496	Hs.23412	hypothetical protein FLJ20160	84	32	-3	-3	36	-16	-9	43	89	85	91	61	-3	48	95
44962	Hs.112860	zinc finger protein 258	188	91	158	68	51	92	120	139	130	181	102	66	83	102	39
45089	Hs.25625	hypothetical protein FLJ1323	208	206	191	163	201	230	259	230	184	217	286	228	235	230	228
45099	Hs.35254	hypothetical protein FLB6421	360	188	328	139	202	133	156	179	264	221	204	225	197	198	250
45116	Hs.60659	ESTs, Weakly similar to T46471	291	331	235	290	242	214	167	331	432	262	467	387	429	329	515
		ESTs, Weakly similar to T46471															
		hypothetical protein DKFZp434L0130.1															
		[H.sapiens]															
45122	Hs.57655	ESTs	8	109	109	58	67	46	62	113	135	-15	167	116	159	88	78
45166	Hs.27192	hypothetical protein d1057B20.2	105	53	39	73	68	34	65	106	191	6	89	125	126	89	137
45197	Hs.211046	ESTs	214	194	184	174	183	180	223	185	124	117	286	134	218	161	174
45201	Hs.279766	kinesin family member 4A	157	186	122	154	174	112	151	162	161	111	123	245	211	169	210
45217	Hs.28285	patched related protein translocated in renal cancer	164	67	113	44	8	50	-33	40	208	91	55	89	92	33	68
45251	-	gb:RC-BT068-130399-088 BT068 Homo sapiens cDNA, mRNA sequence	163	156	119	151	210	167	205	202	164	130	216	222	172	284	205
45282	Hs.63368	ESTs, Weakly similar to TRHY_HUMAN	38	28	100	11	58	44	-5	87	122	12	43	84	47	46	23
45292	Hs.172816	mannosidase, alpha, class 2A, member 1	16	134	124	116	122	87	107	99	101	49	28	74	64	94	114
45339	Hs.377915	neuregulin 1	171	146	209	153	107	113	84	227	179	214	194	168	113	53	184
45463	-	gb:RC2-ST0158-091099-011-d05 ST0158	184	171	203	175	209	184	203	193	108	128	228	193	168	162	155
45633	Hs.399939	Homo sapiens cDNA, mRNA sequence	-14	130	110	110	134	1	44	169	172	-37	153	103	144	149	181
45722	Hs.195471	gb:nc39405.1 NCI_CGAP_P12 Homo sapiens cDNA clone, mRNA sequence	238	224	270	211	262	237	338	260	211	191	280	225	210	234	277
		Human cosmid CRI-JC2015 at D10S289															
45813	Hs.103267	hypothetical protein FLJ22548 similar to gene trap PAT 12	171	89	78	72	129	145	171	164	120	106	194	138	179	182	286

Fig. 21 Table E

Expression data for the 45 classifier genes	Acc # on chip	Unigene build 133	description	Ta.3.150-6	Ta.2.997-1	Ta.3.833-2	Ta.3.1070-1	Ta.2.968	T1.3.625-1	T1.3.880	Ta.2.815-1	Ta.2.861-1	Ta.2.69-1	Ta.2.68-1	Ta.2.368-4	Ta.2.898-1	Ta.2.576-6
	40868	Hs.15292	KIAA1268 protein	105	227	192	270	324	215	272	212	165	166	184	242	191	
	40963	Hs.55279	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5	48	368	333	573	753	621	768	230	485	402	559	812	756	
	41069	Hs.55450	DNA segment on chromosome 4 (unique) 234	93	266	489	372	427	336	390	350	365	309	418	308	456	
	41664	Hs.79404	expressed sequence cyclin D1 (PRAD1: parathyroid adenomatosis 1)	5	430	213	144	420	272	372	119	222	170	235	263	329	
	41792	Hs.82932	membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)	108	593	500	439	613	356	688	446	369	502	555	612	530	
	41812	Hs.83532	parathyroid adenomatosis 1	76	490	360	431	436	491	388	319	429	374	420	623	546	
	41832	Hs.84087	KIAA0143 protein	4	159	164	179	268	259	309	160	157	156	211	204	147	
	41850	Hs.85335	ESTs	41	109	154	197	252	338	257	192	207	262	290	318	201	
	42011	Hs.95231	formin homology 2 domain containing 1	118	136	156	118	85	107	183	96	77	123	136	107	117	
	42026	Hs.96264	alpha thalassemia/mental retardation syndrome X-linked (RAD54 (S. cerevisiae) homolog)	85	170	245	248	275	222	237	232	244	192	249	287	210	
	42131	Hs.28360	muscleblind-like protein MBL39	43	166	131	136	183	190	194	124	148	127	87	298	297	
	42164	Hs.10641	peroxisome proliferative activated receptor, delta	20	169	132	143	134	96	78	54	75	102	60	100	102	
	42211	Hs.11186	KIAA0590 gene product	147	520	342	962	382	378	301	364	378	311	428	379	457	
	42276	Hs.1578	baculoviral IAP repeat-containing 5 (survivin) ESTs	66	121	185	181	73	168	148	131	73	112	133	115	196	
	42298	Hs.35159	ornithine decarboxylase antizyme 1	116	403	392	456	494	429	492	256	315	333	342	442	466	
	42318	-	cell division cycle 25B	5	204	209	199	279	288	259	266	232	269	291	339	239	
	42490	Hs.15375	PDZ domain containing guanine nucleotide exchange factor (GEF1) ESTs	174	146	255	181	163	172	176	136	179	156	181	158	128	
	42509	Hs.15454		154	332	301	372	355	259	330	254	281	236	276	305	426	
	42679	Hs.30315		38	397	247	215	427	392	443	279	310	320	485	371	324	
	42801	Hs.18146	anaphase homolog, ubiquitin-conjugating enzyme E2	151	228	236	249	348	259	367	234	225	236	241	302	261	

Fig. 21

Table E

42912	Hs.19691	binding protein, 1 (Drosophila)	72	148	118	139	73	104	93	44	59	36	50	64	99
42918	Hs.16387	minor histocompatibility antigen HA-1	99	180	197	277	104	143	133	155	63	151	124	103	71
42966	Hs.25064	ESTs, weakly similar to hypothetical protein FLJ20489	108	257	254	174	286	253	302	213	210	218	222	267	412
43060	Hs.24730	baculoviral IAP repeat-containing 6 (apollon)	44	206	224	149	265	291	257	165	131	216	218	322	169
43384	Hs.17964	succinate-CoA ligase, GDP-forming, beta subunit	112	118	84	118	34	60	123	65	36	32	64	50	117
43391	Hs.11216	ESTs	46	-1	35	53	51	90	64	72	70	61	26	83	56
43552	Hs.6361	DNA helicase homolog (PIF1)	67	216	205	262	260	265	238	215	218	248	221	248	388
43732	Hs.5548	mitogen-activated protein kinase kinase 1 interacting protein 1	116	256	222	215	315	341	351	184	213	201	225	219	348
43901	Hs.75216	F-box and leucine-rich repeat protein 5	89	154	149	146	142	82	135	79	51	100	6	93	105
43963	Hs.33443	protein tyrosine phosphatase, receptor type, F	13	645	501	406	626	562	420	316	489	468	430	972	477
44035	Hs.20950	hypothetical protein MGC4248	179	207	264	249	213	264	220	221	196	227	234	250	170
44340	Hs.34851	phosphotyrosine phosphatase	131	202	255	249	356	290	320	235	207	269	283	266	295
44460	Hs.11441	clone IMAGE:4052238, mRNA, partial cds	8	189	132	156	230	280	257	144	200	195	231	222	233
44477	Hs.11923	Chromosome 1 open reading frame 8	49	132	153	160	236	189	218	105	140	116	145	155	122
44592	Hs.33482	hypothetical protein DJ167A19.1	149	417	341	432	362	413	420	355	442	477	416	283	389
44684	Hs.82845	splicing factor 3b, subunit 1, 155kDa	7	227	145	49	220	177	157	126	298	165	211	210	413
44881	Hs.22142	ESTs	261	301	262	577	536	619	631	530	395	339	476	565	582
45089	Hs.25625	cytochrome b5 reductase b5R.2	146	264	240	171	138	160	164	57	93	101	52	124	208
45271	Hs.30340	Hypothetical protein FLJ11323	10	145	214	272	252	184	225	155	260	274	233	251	187
45282	Hs.63368	KIAA1165: likely ortholog of mouse Nedd4 WW domain-binding protein 5A	43	98	131	106	155	243	167	92	116	79	114	150	38
45286	Hs.26801	ESTs	23	113	75	112	78	121	115	22	8	47	43	4	109
45292	Hs.17281	neuregulin 1	109	41	125	62	16	19	25	22	39	19	-33	32	16
45339	Hs.37791	6	42	314	331	228	313	409	308	221	267	202	229	270	171
45396	Hs.28959	mannosidase, alpha, class 2A, member 1	145	295	286	368	391	356	400	264	256	266	252	287	318
45732	Hs.35968	cDNA FLJ36513 (Hs. clone TRACH2001523) calpastatin	57	134	164	122	246	160	197	78	212	130	166	136	27

Fig. 21

Table E

Acc # on chip	Unigene build 133	description	Ta_2_747-3	Ta_3_956-2	Ta_2_1083-1	Ta_2_679-2	Ta_2_686-3	Ta_2_795-13	Ta_2_865-1	Ta_3_112-2	Ta_3_825-3	Ta_3_941-4	T1_2_607-1	T1_3_1017-1	T1_3_1276-1	T1_3_53-7	T1_3_83-8	T1_44-39
40868	Hs.15292	KIAA1268 protein	159	168	131	43	70	52	179	185	65	150	146	201	209	180	3	170
40963	Hs.55279	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5	398	137	348	172	234	26	185	290	515	306	123	165	380	161	58	2
41069	Hs.65450	DNA segment on chromosome 4 (unique) 234	257	292	207	210	18	81	213	296	328	198	224	259	287	278	211	300
41664	Hs.79404	expressed sequence cyclin D1 (PRAD1: parathyroid adenomatosis 1) membrane cofactor protein (CD46, trophoblast- lymphocyte cross-reactive antigen)	61	81	42	57	16	63	150	133	299	76	99	8	25	39	28	31
41792	Hs.82932	parathyroid adenomatosis 1) membrane cofactor protein (CD46, trophoblast- lymphocyte cross-reactive antigen)	368	263	277	116	311	169	582	408	325	409	292	158	297	174	23	117
41812	Hs.83532	parathyroid adenomatosis 1) membrane cofactor protein (CD46, trophoblast- lymphocyte cross-reactive antigen)	273	183	168	155	210	26	231	308	392	395	303	268	248	287	176	365
41832	Hs.94087	KIAA0143 protein	105	169	1	-1	59	31	86	187	94	117	131	84	80	68	2	111
41850	Hs.85335	ESTs	93	29	48	43	114	73	184	147	229	88	144	105	66	130	55	181
42011	Hs.95231	formin homology 2 domain containing 1	177	250	134	105	174	140	163	196	52	173	177	225	270	316	125	154
42026	Hs.96264	alpha thalassemia/mental retardation syndrome X-linked (RAD54 (S. cerevisiae) homolog)	167	243	121	57	80	98	113	167	215	124	194	70	129	180	124	242
42131	Hs.28360	muscleblind-like protein MBLL39	18	195	7	-53	22	36	64	160	84	146	70	97	55	96	42	62
42164	Hs.10641	peroxisome proliferative activated receptor, delta	168	165	95	105	125	179	132	142	84	191	154	142	168	177	123	221
42211	Hs.11186	KIAA0590 gene product	305	218	248	183	201	224	224	306	307	318	338	205	270	314	224	254
42276	Hs.1578	baculoviral IAP repeat- containing 5 (survivin) ESTs	136	137	113	197	121	107	170	174	163	209	254	302	206	285	174	295
42298	Hs.35159	ESTs	316	361	191	98	177	48	292	423	368	287	334	246	307	237	105	353
42318	-	ornithine decarboxylase antizyme 1	169	201	118	90	125	58	157	172	182	128	169	172	154	129	90	109
42490	Hs.15375	cell division cycle 25B	197	476	165	142	184	141	217	234	225	219	396	463	319	393	174	378
42509	Hs.15454	PDZ domain containing guanine nucleotide exchange factor(GEF)1 ESTs	208	287	223	179	186	120	236	277	216	244	269	251	283	228	132	388
42679	Hs.30315	ESTs	200	310	108	120	128	3	235	295	166	14	188	164	181	83	90	259
42801	Hs.18146	atriadne homolog, ubiquitin- conjugating enzyme E2 binding protein, 1 (Drosophila)	261	187	165	166	162	31	189	202	207	161	231	198	184	183	153	263
42912	Hs.19691	minor histocompatibility antigen HA-1	110	309	110	146	118	113	124	136	94	112	184	135	143	213	84	108

Fig. 21

Table E

42918	Hs.16387	ESTs. Weakly similar to	262	349	172	217	115	108	312	185	156	320	257	210	203	304	107	170
42956	Hs.25064	2 hypothetical protein FLJ20489	178	176	99	129	146	99	180	213	189	191	204	209	204	184	83	305
43060	Hs.24730	6 baculoviral IAP repeat containing 6 (apollon)	86	140	80	67	60	-38	120	169	267	135	158	133	63	84	113	125
43384	Hs.17964	9 succinate-CoA ligase, GDP-forming, beta subunit ESTs	130	129	117	95	102	105	113	173	13	141	123	203	175	168	155	178
43391	Hs.11216	7 DNA helicase homolog (PIF1)	112	142	67	107	50	57	105	72	24	109	117	215	85	147	84	166
43552	Hs.6361	0 mitogen-activated protein kinase kinase 1 interacting protein 1	121	170	109	145	99	123	157	151	192	124	270	209	130	125	118	224
43732	Hs.5548	F-box and leucine-rich repeat protein 5	192	221	177	152	173	76	162	166	201	189	209	168	230	209	133	160
43901	Hs.75216	protein tyrosine phosphatase, receptor type, F	159	150	160	144	186	127	178	173	92	194	107	200	184	209	125	149
43963	Hs.33443	7 hypothetical protein MGC4248	303	121	131	176	180	115	422	316	391	372	405	326	231	140	52	138
44035	Hs.20950	phosphotyrosine phosphatidyl inorganic pyrophosphate phosphatase clone IMAGE:4052238, mRNA, partial cds	123	216	157	126	145	51	178	203	126	146	207	196	218	145	103	212
44340	Hs.34851	4 Chromosome 1 open reading frame 8	166	178	136	153	78	36	192	228	265	222	246	247	184	255	74	125
44460	Hs.11441	hypothetical protein DJ167A19.1	105	164	29	19	60	-54	117	188	125	137	147	106	83	106	2	187
44477	Hs.11923	splicing factor 3b, subunit 1, 155kDa	82	59	79	33	54	39	101	124	155	97	136	110	145	109	19	129
44592	Hs.33482	6 cytochrome b5 reductase b5R.2	194	222	225	130	117	90	310	324	359	421	340	283	314	325	101	347
44684	Hs.82845	ESTs	61	-23	143	7	14	11	77	48	53	194	73	7	20	116	57	73
44881	Hs.22142	Hypothetical protein FLJ11323	337	304	292	248	293	259	270	404	303	265	323	439	291	342	283	406
45089	Hs.25625	KIAA1165: likely ortholog of mouse Nedd4 WW domain-binding protein 5A	206	191	163	201	230	259	230	184	217	286	228	235	230	228	150	206
45271	Hs.30340	ESTs	89	-33	74	-68	-29	-88	116	189	68	282	103	91	80	116	-4	58
45282	Hs.63368	ESTs	28	100	11	58	44	-5	87	122	12	43	84	47	46	23	19	98
45286	Hs.26801	6 neuigin 1	106	113	77	161	148	47	69	174	-1	122	164	114	151	222	121	219
45292	Hs.17281	6	134	124	116	122	87	107	99	101	49	28	74	64	94	114	107	95
45339	Hs.37791	5 mannosidase, alpha, class 2A, member 1	146	209	153	107	113	84	227	179	214	194	168	113	53	184	102	241
45396	Hs.28959	5 cDNA FLJ36513 fs clone TFACH2001523	287	280	180	82	192	128	276	299	225	194	276	187	222	185	143	274
45732	Hs.35968	2 calpastatin	25	97	72	5	-5	5	113	168	59	53	101	61	98	56	57	-9

Fig. 22

Table F

Gene expression levels based on RMA analysis	Probeset ID (U133A)	Unigene Build 168	description	pTa g12 1060-1	pTa g13 1066-1	pTa g13 1070-1	pTa g12 1146-1	pTa g12 1216-1	pTa g13 1264-1	pTa g13 1276-1	pTa g12 1303-1	pTa g13 1350-1	pTa g13 1354-1	pTa g13 1482-1	pTa g12 524-1	pTa g12 692-1	pTa g13 775-1	pTa g13 989-1
	200600_at	Hs.170328	NM_001910; cathepsin E isoform a preproprotein NM_148954; cathepsin E isoform b preproprotein NM_019894;	80	41	71	66	67	88	174	139	113	149	83	51	250	154	96
	200762_at	Hs.173381	transmembrane protease, serine 4 isoform 1 NM_183247; transmembrane protease, serine 4 isoform 2 NM_000228; laminin subunit beta 3 precursor NM_030570; uroplakin 3B isoform a NM_182683; uroplakin 3B isoform c NM_182684; uroplakin 3B isoform b	59	46	118	61	53	53	159	52	71	153	85	78	268	121	58
	201088_at	Hs.159557	transmembrane protease, serine 4 isoform 2 NM_000228; laminin subunit beta 3 precursor NM_030570; uroplakin 3B isoform a NM_182683; uroplakin 3B isoform c NM_182684; uroplakin 3B isoform b	104	77	211	117	87	156	369	118	120	184	353	80	150	203	58
	201291_s_at	Hs.156346	uroplakin 3B isoform c NM_182684; uroplakin 3B isoform b	26	59	41	20	17	186	98	29	57	191	100	26	18	92	22
	201560_at	Hs.25035	NM_005547; involucrin NM_004692; neuronal intermediate filament protein, alpha NM_016233; peptidylarginine deiminase type III NM_014417; BCL2 binding component 3 NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	45	127	156	67	37	49	239	47	135	160	77	62	283	174	46
	201616_s_at	Hs.443811	NM_005547; involucrin NM_004692; neuronal intermediate filament protein, alpha NM_016233; peptidylarginine deiminase type III NM_014417; BCL2 binding component 3 NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	46	51	69	37	31	28	150	39	57	108	64	45	164	54	26
	201641_at	Hs.118110	NM_005547; involucrin NM_004692; neuronal intermediate filament protein, alpha NM_016233; peptidylarginine deiminase type III NM_014417; BCL2 binding component 3 NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	1107	85	87	184	338	705	562	796	651	223	556	494	483	159	504
	201744_s_at	Hs.406475	NM_014417; BCL2 binding component 3 NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	65	41	364	151	24	68	533	68	36	281	152	155	455	343	189
	201842_s_at	Hs.76224	NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	33	75	83	45	42	53	201	44	41	68	60	69	629	83	73
	201858_s_at	Hs.1908	NM_018058; cartilage acidic protein 1 P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	80	430	421	816	83	91	254	52	73	118	89	70	351	216	102
	201859_at	Hs.1908	NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 1 precursor NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	48	135	407	419	39	57	184	35	39	49	65	44	225	236	96
	202746_at	Hs.17109	NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	40	53	44	32	19	21	72	12	22	22	23	34	80	69	19
	202917_s_at	Hs.416073	NM_007193; annexin A10 NM_001858; eukaryotic translation elongation factor 1 alpha 2	110	343	1124	43	37	308	468	120	1261	81	895	31	346	164	53

Fig. 22

Table F

203009_at	Hs.155048	NM_005581: Lutheran blood group (Auburger b antigen included)	146	134	116	210	168	224	121	323	113	150	86	139	103	90	160
203267_at	Hs.18141	NM_005581: Lutheran blood group (Auburger b antigen included)	744	213	620	394	751	700	215	826	491	600	456	566	444	303	820
203477_at	Hs.409034	NM_030570: uroplakin 3B isoform a NM_182683; uroplakin 3B isoform c NM_182684; uroplakin 3B isoform b NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	38	43	85	49	57	42	134	54	54	188	68	126	147	184	51
203649_s_at	Hs.76422	NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	3023	125	4381	227	1650	5622	1886	2711	177	2974	102	248	159	164	1196
203759_at	Hs.75268	NM_007193: annexin A10	259	204	272	175	184	169	179	203	201	235	134	191	134	130	150
203792_x_at	Hs.371617	NM_007144: ring finger protein 110	286	264	286	190	341	285	308	374	336	189	142	213	290	236	247
203842_s_at	Hs.172740	NM_014417: BCL2 binding component 3	251	206	132	111	171	95	158	214	204	173	103	190	224	189	154
203980_at	Hs.391561	NM_001442: fatty acid binding protein 4, adipocyte	711	96	1347	741	1389	1920	70	2559	68	123	176	131	2744	63	971
204141_at	Hs.300701	NM_017689: hypothetical protein FLJ20151	32	266	55	34	38	58	96	28	72	125	101	45	102	145	113
204380_s_at	Hs.1420	NM_007144: ring finger protein 110	330	74	93	115	348	256	71	771	46	184	788	46	105	45	92
204465_s_at	Hs.76888	NM_004692: NM_032727: intermedin neuronal intermediate filament protein, alpha	1183	307	527	303	808	717	476	204	221	384	638	159	261	275	235
204487_s_at	Hs.367809	NM_001248; ectionucleoside triphosphate	249	101	225	206	263	113	99	159	98	149	178	230	256	89	371
204508_s_at	Hs.279916	diphosphohydrolase 3 protein FLJ20151	205	57	180	57	300	206	85	184	243	206	286	162	156	38	372
204540_at	Hs.433839	NM_001958: eukaryotic translation elongation factor 1 alpha 2	158	38	126	76	165	160	33	164	236	253	37	67	59	25	261
204688_at	Hs.409798	NM_016233; peptidylarginine deiminase type III	37	52	48	162	37	87	78	119	40	58	31	43	127	52	29
204952_at	Hs.377028	NM_000445: plectin 1, intermediate filament binding protein 500kDa	677	352	782	827	473	555	1070	956	623	1197	893	509	338	313	525
204990_s_at	Hs.85266	NM_000213: integrin, beta 4	798	276	766	793	657	721	431	1053	505	514	758	692	707	431	693
205073_at	Hs.152096	NM_018994; transmembrane protease, serine 4 isoform 1 NM_183247;	135	300	573	298	331	280	372	337	325	161	453	184	214	257	339

Fig. 22

Table F

205382_s_at	Hs.155597	transmembrane protease, serine 4 isoform 2	64	74	197	118	58	64	307	77	51	58	97	53	771	187	92
205453_at	Hs.290432	NM_002145; homeo box beta 4	527	162	126	413	392	335	205	286	112	210	340	402	387	122	611
205455_at	Hs.2942	NM_006760; uropodkin 2	145	120	354	113	329	286	136	353	262	119	197	393	426	92	213
205927_s_at	Hs.1355	NM_001910; calthapsin E isoform a preproprotein	2754	114	1731	772	910	3743	95	742	731	112	163	319	81	114	659
206122_at	Hs.95582	NM_148964; calthapsin E isoform b preproprotein	206	91	98	185	204	168	81	268	80	134	218	243	124	77	350
206191_at	Hs.47042	NM_006942; SRY-box 15 isoform a	615	76	802	479	512	459	161	568	155	234	422	444	378	83	656
206392_s_at	Hs.82547	NM_005522; homeobox A1 protein isoform a	47	69	27	64	73	266	160	50	219	110	1269	63	45	99	60
206393_at	Hs.83760	NM_153620; homeobox A1 protein isoform b	1291	132	584	180	242	89	345	761	120	51	273	342	180	64	55
206465_at	Hs.277543	NM_015162; lipidosin 1	210	274	103	73	64	122	59	346	65	76	69	110	156	70	50
206561_s_at	Hs.116724	NM_015162; lipidosin 2	39	42	40	42	130	326	45	212	318	1019	807	76	329	51	158
206658_at	Hs.284211	NM_030570; uropodkin 3B isoform a	455	922	639	149	713	526	708	1751	369	231	915	319	576	862	872
207173_x_at	Hs.443435	NM_182683; uropodkin 3B isoform c	27	39	77	59	36	45	86	31	31	122	43	70	130	102	30
207862_at	Hs.379613	NM_006760; uropodkin 2	126	409	823	355	387	381	721	342	382	197	648	158	272	153	875
209138_x_at	Hs.505407	NM_015162; lipidosin 1	808	95	1017	714	295	180	734	225	975	131	100	200	1792	5105	137
209270_at	Hs.436963	NM_000228; laminin subunit beta 3 precursor	612	94	383	405	475	376	163	1190	105	306	235	418	300	74	510
209340_at	Hs.21293	NM_007144; ring finger protein 110	85	67	81	60	64	145	350	88	411	65	135	61	136	92	86
209591_s_at	Hs.170195	NM_000228; laminin subunit beta 3 precursor	151	164	98	102	290	179	74	86	223	123	113	154	91	68	188
209732_at	Hs.85201	NM_001248; ectonucleoside triphosphate	60	56	152	76	78	317	89	210	44	67	136	75	196	122	72
210143_at	Hs.188401	diphosphohydrolase 3	977	42	37	176	1022	1330	54	921	86	650	383	1169	986	60	1057
210735_s_at	Hs.5338	NM_007193; annexin A10	529	57	227	96	775	466	180	515	583	564	1014	323	267	83	628
210761_s_at	Hs.86859	NM_020142; NADH:ubiquinone oxidoreductase MLRO	140	295	233	200	238	405	307	268	348	295	316	166	169	161	288
211002_s_at	Hs.82237	NM_001958; eukaryotic translation elongation	456	243	351	202	300	476	301	400	375	433	355	230	305	104	354

Fig. 22

Table F

211161_s_at	Hs.126608	factor 1 alpha 2 phospholipase A2, group IIA (platelets, synovial fluid)	57	52	238	72	37	48	374	34	54	318	76	72	295	194	62
211430_s_at	Hs.413826	NM_001910; cathepsin E isoform a preproprotein NM_148964; cathepsin E isoform b preproprotein NM_007144; ring finger protein 110	426	119	692	315	157	203	1342	175	879	94	131	157	1163	11104	131
211671_s_at	Hs.126608	NM_014417; BCL2 binding component 3 NM_005581; Lutheran blood group (Aubreyer b antigen included)	103	31	47	48	46	102	61	81	31	44	77	36	114	51	47
211692_s_at	Hs.87246	NM_003282; toporin I, skeletal, fast NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog	278	305	183	169	218	119	205	229	287	188	105	233	233	237	188
211896_s_at	Hs.156316	NM_005581; Lutheran blood group (Aubreyer b antigen included)	99	83	334	155	55	71	1027	132	69	362	139	243	1614	453	152
212077_at	Hs.443811	NM_003282; toporin I, skeletal, fast NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog	72	69	235	135	42	50	548	65	88	319	157	137	671	253	54
212192_at	Hs.109438	NM_020142; NADH:ubiquinone oxidoreductase MLRQ subunit homolog	77	29	142	27	67	54	109	73	24	40	58	48	216	99	101
212195_at	Hs.71968	NM_000445; plectin 1, intermediate filament binding protein 500kDa	112	50	175	69	86	84	158	92	64	103	158	69	283	186	108
212386_at	Hs.359289	NM_005547; involucrin NM_000299; plakophilin 1 NM_002145; homoo box B2	50	49	285	67	62	46	223	55	71	147	82	96	214	261	64
212667_at	Hs.111779	NM_000299; plakophilin 1 NM_002145; homoo box B2	73	84	178	98	62	50	247	79	64	326	144	120	428	202	77
212671_s_at	Hs.387679	NM_002145; homoo box B2	60	76	131	95	110	114	137	59	81	63	125	132	297	178	194
212998_x_at	Hs.375115	NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	49	49	61	56	86	58	95	71	101	46	58	60	288	118	290
213691_s_at	Hs.359289	NM_007193; annexin A10 NM_005522; homeobox A1 protein isoform a NM_153620; homeobox A1 protein isoform b NM_006760; uropodkin 2 NM_005547; involucrin NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	40	35	121	35	39	32	102	32	40	58	47	55	129	159	37
213975_s_at	Hs.234734	NM_005522; homeobox A1 protein isoform a NM_153620; homeobox A1 protein isoform b NM_006760; uropodkin 2 NM_005547; involucrin NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	45	59	304	104	61	58	141	27	37	43	62	83	160	399	80
214352_s_at	Hs.412107	NM_006760; uropodkin 2 NM_005547; involucrin NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	160	127	238	126	108	411	141	143	104	525	241	150	103	135	223
214599_at	Hs.157091	NM_005547; involucrin NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	1153	231	989	302	584	508	292	748	449	111	485	236	710	102	276
214630_at	Hs.184927	NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide 1 precursor	164	275	128	185	191	96	146	171	189	111	85	235	161	202	137
214639_s_at	Hs.67397	NM_005522; homeobox A1 protein isoform a NM_153620; homeobox A1 protein isoform b NM_002145; homoo box B2	200	52	335	350	217	88	89	91	37	96	250	147	202	98	456
214651_s_at	Hs.127428	NM_002145; homoo box B2	24	26	184	33	20	25	32	43	71	33	38	34	64	41	19

Fig. 22

Table F

214669_x_at	Hs.377975	NM_001442: fatty acid binding protein 4, adipocyte	434	146	525	426	163	146	476	156	365	103	117	120	559	2218	166
214677_x_at	Hs.449601	NM_006942: SRY-box 15	1285	112	1481	947	360	210	1112	345	1280	145	118	270	3617	7694	192
214752_x_at	Hs.195464	NM_006942: SRY-box 15	322	203	331	162	226	161	454	381	577	311	173	252	1464	324	215
215076_s_at	Hs.443625	NM_016233: peptidylarginine deiminase type III	273	187	704	606	101	162	1309	166	297	1221	280	627	1273	1019	255
215121_x_at	Hs.356861	NM_018058: cartilage acidic protein 1	753	149	804	611	215	205	713	203	781	106	90	198	1497	3693	204
215176_x_at	Hs.503443	NM_001248: ectonucleoside triphosphate diphosphohydrolase 3	283	68	256	126	66	79	237	85	225	102	72	80	300	1003	85
215379_x_at	Hs.449601	NM_006760: uropodkin 2	533	180	640	580	201	185	597	177	646	116	100	150	1424	3114	200
215812_s_at	Hs.489113	NM_018058: cartilage acidic protein 1	296	293	362	123	461	414	533	542	1213	377	557	205	164	113	407
216641_s_at	Hs.18141	NM_005547: involucrin	699	223	332	262	508	657	200	773	508	400	368	456	374	225	479
216971_s_at	Hs.79706	NM_000445: plectin 1, intermediate filament binding protein 500kDa	180	56	71	59	244	230	101	443	110	143	147	98	106	38	267
217028_at	Hs.421986	NM_003282: tropomyosin I, skeletal, fast isoform a	24	31	111	28	26	23	60	21	25	38	160	28	202	84	32
217040_x_at	Hs.95582	NM_001910: caldesmon E isoform a	247	218	150	180	215	149	206	289	197	154	114	270	246	218	219
217388_s_at	Hs.444471	NM_000228: laminin subunit beta 3 precursor	136	61	34	30	76	184	54	111	90	27	146	39	130	36	31
217626_at	Hs.201967	NM_000299: plakophilin 1	406	167	294	104	329	147	365	206	245	119	475	312	154	137	97
218484_at	Hs.221447	NM_020142: NADH:ubiquinone oxidoreductase MLRQ	469	240	88	87	82	484	229	705	189	133	205	93	118	192	88
218656_s_at	Hs.93765	NM_001442: fatty acid binding protein 4, adipocyte	41	32	82	43	31	39	111	39	37	67	38	76	93	95	42
218718_at	Hs.43080	NM_000445: plectin 1, intermediate filament binding protein 500kDa	26	37	129	94	43	37	89	38	26	74	62	57	124	83	49
218918_at	Hs.8910	NM_000300: phospholipase A2, group IIA (platelets, synovial fluid)	38	84	65	64	55	137	1238	47	682	155	99	92	197	93	67
218960_at	Hs.414005	NM_019894: transmembrane protease, serine 4 isoform 1	795	110	1058	422	966	958	229	983	563	871	548	763	1228	130	1384
219410_at	Hs.104800	NM_004692: transmembrane protease, serine 4 isoform 2	38	37	34	31	25	72	59	38	39	334	168	41	62	52	32
		NM_032727: intermexin															

PCT/DK2003/000750

WO 2004/040014

Table F

Fig. 22

219922_s_at	Hs.289019	neuronal intermediate filament protein, alpha isoform a NM_182683; uropilin 3B isoform c NM_182684; uropilin 3B isoform b NM_001442; fatty acid binding protein 4, adipocyte NM_016233; peptidylarginine deiminase type III NM_018058; cartilage acidic protein 1 NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	107	46	104	49	141	89	154	317	274	120	257	98	143	185	155
220026_at	Hs.227059	NM_001442; fatty acid binding protein 4, adipocyte	456	56	425	312	470	1127	422	921	69	509	391	107	270	92	157
220779_at	Hs.149195	NM_016233; peptidylarginine deiminase type III	286	572	1070	195	840	885	1077	686	1038	207	1404	576	746	117	833
221204_s_at	Hs.326444	NM_018058; cartilage acidic protein 1	2891	244	1577	2574	2067	1203	134	1065	85	113	425	488	220	241	1828
221660_at	Hs.247831	NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	191	249	132	149	191	106	183	228	224	147	93	206	254	229	167
221671_x_at	Hs.377975	NM_000299; plakophilin 1	1916	545	2411	1691	637	740	2343	664	1752	268	381	594	2689	10509	476
221854_at	Hs.313068	NM_000299; plakophilin 1	347	106	216	171	206	195	64	479	146	248	292	272	72	153	247
221872_at	Hs.82547	NM_001958; eukaryotic translation elongation factor 1 alpha 2	67	47	48	48	54	286	192	43	169	130	1544	64	61	100	64
200600_at	Hs.170328	NM_001910; cathepsin E isoform a preproprotein NM_148954; cathepsin E isoform b preproprotein NM_019894; transmembrane protease, serine 4 isoform 1 NM_183247; transmembrane protease, serine 4 isoform 2 NM_000228; laminin subunit beta 3 precursor NM_030570; uropilin 3B isoform a NM_182683; uropilin 3B isoform c NM_182684; uropilin 3B isoform b NM_005547; involucrin NM_004692; NM_032727; intermedin neuronal intermediate filament protein, alpha NM_016233;	64	435	194	561	241	490	274	98	96	520	318	71	98		
200762_at	Hs.173381																
201088_at	Hs.159557		385	614	416	469	417	444	169	731	203	209	516	228	356		
201291_s_at	Hs.156346		112	256	87	50	176	172	40	284	68	42	266	33	171		
201560_at	Hs.25035		191	591	222	605	250	487	211	239	98	920	639	54	97		
201616_s_at	Hs.443811		47	147	91	158	160	301	153	98	57	521	311	30	37		
201641_at	Hs.118110		557	174	655	137	74	235	872	54	1120	237	917	68	63		

Fig. 22

Table F

201744_s_at	Hs.406475	peptidylarginine deiminase type III NM_014417; BCL2	167	696	555	1350	726	1063	621	58	323	1132	1785	86	31
201842_s_at	Hs.76224	binding component 3 NM_020142; NADH:ubiquinone oxidoreductase MLRQ	42	340	158	1486	402	699	393	44	45	947	274	62	41
201858_s_at	Hs.1908	subunit homolog NM_018058; cartilage acidic protein 1	263	793	296	634	176	679	805	752	230	996	575	50	66
201859_at	Hs.1808	NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta- hydroxylase), polypeptide	231	499	305	446	128	519	417	564	169	751	541	39	46
202746_at	Hs.17109	1 precursor NM_007193; annexin A10	26	135	58	342	106	224	151	23	21	253	92	19	19
202917_s_at	Hs.416073	NM_001958; eukaryotic translation elongation factor 1 alpha 2	1422	2943	952	226	2714	7651	1752	42	474	2660	608	52	38
203009_at	Hs.155048	NM_005581; Lutheran blood group (Auburger b antigen included)	66	62	84	52	72	71	113	70	113	79	70	82	66
203287_at	Hs.18141	NM_005581; Lutheran blood group (Auburger b antigen included)	319	226	547	133	517	359	169	274	485	128	145	504	200
203477_at	Hs.408034	NM_030570; uroplakin 3B isoform a NM_182683; uroplakin 3B isoform c NM_182684; uroplakin 3B isoform b	66	737	165	470	516	865	111	197	99	545	996	68	43
203649_s_at	Hs.76422	NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	1933	247	180	810	192	137	282	1617	419	2164	292	2286	103
203759_at	Hs.75268	NM_007193; annexin A10	122	97	147	76	99	84	79	474	73	88	81	255	171
203792_x_at	Hs.371617	NM_007144; ring finger protein 110	155	116	112	88	128	121	126	153	141	122	170	183	244
203842_s_at	Hs.172740	NM_014417; BCL2 binding component 3	107	82	85	78	83	82	98	109	95	98	100	108	97
203980_at	Hs.391561	NM_001442; fatty acid binding protein 4, adipocyte	70	344	511	416	174	156	1236	58	2140	385	40	70	48
204141_at	Hs.300701	NM_017689; hypothetical protein FLJ20151	278	361	154	239	131	242	27	337	60	202	248	136	461
204380_s_at	Hs.1420	NM_007144; ring finger protein 110	126	22	109	29	241	26	47	90	424	28	57	368	40
204465_s_at	Hs.76888	NM_004692; NM_032727; interixin neuronal intermediate filament protein, alpha	92	952	147	976	335	124	64	202	671	101	129	1033	64
204487_s_at	Hs.367809	NM_001248; ectonucleoside	97	135	183	89	84	94	70	114	228	84	92	191	230

Fig. 22

Table F

204508_s_at	Hs.279916	NM_017689: hypothetical protein FLJ20151	255	76	212	60	92	191	295	42	90	69	94	227	47
204540_at	Hs.433839	NM_001958: eukaryotic translation elongation factor 1 alpha 2	274	31	61	33	26	32	36	54	51	23	45	174	60
204688_at	Hs.409798	NM_016233: peptidylarginine deiminase type III	26	168	66	333	214	181	221	37	172	267	95	33	48
204952_at	Hs.377028	NM_000445: plectin 1, intermediate filament binding protein 500kDa	291	269	743	324	1641	1016	232	1007	252	217	141	548	116
204990_s_at	Hs.85266	NM_000213: integrin, beta 4	339	291	960	71	511	306	97	535	837	178	200	733	296
205073_at	Hs.152096	NM_019894: transmembrane protease, serine 4 isoform 1	169	145	311	146	508	110	156	585	307	110	141	701	144
205382_s_at	Hs.155597	NM_183247: transmembrane protease, serine 4 isoform 2	298	294	247	1188	111	505	316	68	81	1206	153	63	126
205453_at	Hs.290432	NM_002145: homeobox B2	147	135	426	163	113	197	225	116	601	177	141	397	109
205455_at	Hs.2942	NM_006760: uropodkin E	282	90	252	61	111	115	127	85	293	120	88	302	107
205927_s_at	Hs.1355	NM_001910: cathepsin E	1150	114	993	101	89	293	223	112	300	92	68	3324	76
206122_at	Hs.95582	NM_148964: cathepsin E	64	64	144	67	251	126	86	73	230	86	63	165	75
206191_at	Hs.47042	NM_006942: SHY-box 15	754	121	286	115	261	171	307	160	279	76	125	1331	136
206392_s_at	Hs.82547	NM_005522: homeobox A1 protein isoform a	793	901	208	299	273	182	62	153	90	414	1822	31	3363
206393_at	Hs.83760	NM_003282: tropomyosin 1, skeletal, fast	72	72	88	78	655	121	103	270	885	77	44	644	54
206465_at	Hs.277543	NM_015162: lipidosis	42	43	113	33	41	52	42	76	45	40	50	251	42
206561_s_at	Hs.116724	NM_015162: lipidosis	142	367	598	64	177	1208	55	28	48	416	35	60	35
206658_at	Hs.284211	NM_030570: uropodkin 3B	1409	203	487	264	360	152	81	687	710	42	223	88	87
207173_x_at	Hs.443435	NM_182683: uropodkin 3B isoform c													
207862_at	Hs.379613	NM_000213: integrin, beta 4	40	326	108	365	239	421	230	48	74	434	741	27	31
209138_x_at	Hs.505407	NM_006760: uropodkin 2	1172	162	241	96	438	147	70	773	71	39	62	544	238
		NM_015162: lipidosis	2016	6982	3022	1678	170	947	1572	546	1134	9651	9789	165	81

Fig. 22

Table F

209270_at	Hs.436983	NM_000228; laminin subunit beta 3 precursor	86	105	421	73	154	265	141	229	697	114	103	909	99
209340_at	Hs.21293	NM_007144; ring finger protein 110	1049	380	143	367	408	351	131	298	106	271	310	202	320
209691_s_at	Hs.170195	NM_000228; laminin subunit beta 3 precursor	57	76	128	66	139	152	59	63	69	56	82	203	50
209732_at	Hs.85201	NM_001248; ecdonucleoside triphosphate	46	291	302	262	299	454	122	41	109	411	237	57	46
210143_at	Hs.188401	diphosphohydrolase 3	92	162	1459	30	26	39	861	33	1823	328	23	991	68
210735_s_at	Hs.5338	NM_017689; hypothetical protein FLJ20151	508	105	534	90	284	505	570	99	233	137	190	717	116
210761_s_at	Hs.86859	NM_020142; NADH:ubiquinone oxidoreductase MLRQ	217	110	219	97	326	121	106	342	135	79	120	218	280
211002_s_at	Hs.82237	subunit homolog NM_001958; eukaryotic translation elongation factor 1 alpha 2	169	88	330	90	322	214	171	495	450	90	122	333	64
211161_s_at		phospholipase A2 group IIA (platelets, synovial fluid)	134	497	308	959	687	807	241	109	154	945	1742	82	56
211430_s_at	Hs.413826	NM_001910; cathepsin E isoform a preproprotein	1819	8588	4081	1355	353	2300	3269	480	1961	12076	16723	226	63
211671_s_at	Hs.126608	NM_148964; cathepsin E isoform b preproprotein	35	134	125	205	148	213	162	44	127	229	114	94	95
211692_s_at	Hs.87246	NM_014417; BCL2 binding component 3	124	101	94	98	99	84	115	138	107	103	131	128	109
211896_s_at	Hs.156316	NM_005581; Lutheran blood group (Aubergier b antigen included)	97	987	634	3390	771	1826	1426	54	240	2665	2395	102	40
212077_at	Hs.443811	NM_003282; tropomyosin I, skeletal, fast	136	643	363	1019	590	952	513	261	170	1945	927	98	104
212192_at	Hs.109438	NM_020142; NADH:ubiquinone oxidoreductase MLRQ	28	363	190	403	250	458	204	23	182	416	235	65	24
212195_at	Hs.71968	subunit homolog NM_000445; plectin 1, intermediate filament	254	540	336	793	327	571	358	128	238	904	352	193	177
212386_at	Hs.359289	binding protein 500kDa	103	431	256	379	305	555	367	186	117	646	498	73	68
212667_at	Hs.111779	NM_005547; involucrin	68	372	220	858	612	575	424	206	143	540	783	121	69
212671_s_at	Hs.387679	NM_000299; plakophilin 1	125	588	484	733	203	746	269	87	405	1219	1195	85	74
212998_x_at	Hs.375115	NM_000497; cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide	135	185	462	294	61	428	110	40	221	492	634	100	46

Fig. 22

Table F

213891_s_at	Hs.359289	NM_007193: annexin A10	38	221	86	220	146	221	155	82	52	300	200	35	37
213975_s_at	Hs.234734	NM_005522: homeobox A1 protein isoform a	339	718	419	385	93	693	108	136	171	989	966	40	1454
214352_s_at	Hs.412107	NM_006760: uropodkin 2	244	595	426	196	469	565	323	500	537	605	492	501	350
214599_at	Hs.157091	NM_005547: involucrin	130	109	254	100	1563	460	105	120	547	73	60	1116	66
214630_at	Hs.184927	NM_000497: cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide	94	75	73	80	86	73	83	126	95	84	109	88	95
214639_s_at	Hs.67397	NM_005522: homeobox A1 protein isoform a	32	76	136	201	69	52	537	78	372	39	56	232	131
214651_s_at	Hs.127428	NM_002145: homeobox A1 protein isoform b	104	191	41	321	269	163	367	126	31	79	34	31	207
214669_x_at	Hs.377975	NM_001442: fatty acid binding protein 4, adipocyte	650	2306	1345	976	179	842	943	258	585	3455	4311	119	120
214677_x_at	Hs.449601	NM_006942: SRV-box 15	3483	10454	5179	2383	243	1266	2263	694	1769	11958	14244	209	43
214752_x_at	Hs.195464	NM_006942: SRV-box 15	139	164	297	120	264	356	143	161	211	824	573	148	110
215076_s_at	Hs.443625	NM_016233: peptidylarginine deiminase type III	488	1749	1274	2545	2689	2933	897	401	561	2939	4803	319	180
215121_x_at	Hs.356861	NM_018056: cartilage acidic protein 1	1447	4054	2401	901	174	719	1225	442	807	4379	4782	151	108
215176_x_at	Hs.503443	NM_001248: ectonucleoside triphosphate	266	2884	768	885	109	496	760	135	414	4825	5085	86	58
215379_x_at	Hs.449601	NM_006760: uropodkin 2	994	3523	2099	921	171	614	1003	422	732	3767	4070	113	89
215812_s_at	Hs.499113	NM_018058: cartilage acidic protein 1	395	133	181	74	387	143	106	442	213	111	761	302	69
216641_s_at	Hs.18141	NM_005547: involucrin	255	109	392	93	374	192	142	216	399	91	139	543	177
216971_s_at	Hs.79706	NM_000445: plectin 1, intermediate filament binding protein 500kDa	77	27	206	31	92	24	43	52	218	31	102	211	52
217028_at	Hs.421986	NM_003282: tropomyosin, skeletal, fast	165	208	186	250	65	280	70	66	47	536	363	38	30
217040_x_at	Hs.95582	NM_001910: cathepsin E isoform a preproprotein	109	92	97	89	164	104	111	128	124	117	122	124	108
217388_s_at	Hs.444471	NM_148964: cathepsin E isoform b preproprotein	343	215	175	132	129	146	652	22	291	296	181	229	237
217626_at	Hs.201967	NM_000228: laminin subunit beta 3 precursor	88	145	205	295	141	84	111	100	230	60	111	282	97
218484_at	Hs.221447	NM_020142: NADH:ubiquinone oxidoreductase MLRQ	60	79	85	55	150	194	92	125	193	78	315	75	60

Fig. 22

Table F

218656_s_at	Hs.93765	NM_001442; fatty acid binding protein 4, adipocyte	35	222	105	367	186	324	111	62	60	226	200	34	36
218718_at	Hs.43080	NM_000445; plectin 1, intermediate filament binding protein 500kDa	38	189	105	346	132	258	344	28	221	313	197	29	114
218918_at	Hs.8910	NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	319	367	357	115	876	414	45	48	48	284	602	308	62
218960_at	Hs.414005	NM_019894; transmembrane protease, serine 4 isoform 1	161	191	946	135	743	417	331	118	1398	320	221	982	76
219410_at	Hs.104800	NM_032727; transmembrane protease, serine 4 isoform 2	235	138	368	184	280	627	110	25	88	248	391	32	31
219922_s_at	Hs.289019	NM_004692; neuronal intermediate filament protein, alpha	78	42	173	23	118	59	62	80	101	58	235	85	77
220026_at	Hs.227059	NM_030570; uropod 3B isoform a	43	143	733	77	605	1055	461	84	187	240	91	570	47
220779_at	Hs.149195	NM_016233; uropod 3B isoform c	415	257	696	254	144	200	421	219	204	138	444	454	112
221204_s_at	Hs.326444	NM_018058; cartilage acidic protein 1	980	93	363	88	76	79	491	528	333	95	66	1128	69
221660_at	Hs.247831	NM_000300; phospholipase A2, group IIA (platelets, synovial fluid)	115	95	91	84	94	92	101	115	101	95	112	113	110
221671_x_at	Hs.377975	NM_000299; plakophilin 1	3929	9459	6623	4452	1009	4044	3711	1345	2268	10574	11590	616	370
221854_at	Hs.313068	NM_000299; plakophilin 1	66	244	231	91	267	359	94	115	230	62	67	90	50
221872_at	Hs.82547	NM_001958; eukaryotic translation elongation factor 1 alpha 2	934	859	261	452	346	194	39	225	108	513	2007	47	3234

PCT/DK2003/000750

WO 2004/040014

Gene
expression
levels based
on RMA
analysis

Fig. 23

Table C

Probeset ID (U133A)	Unigen e Build	description	pTa gr2 1060-1	pTa gr3 1066-1	pTa gr3 1070-1	pTa gr2 1146-1	pTa gr2 1216-1	pTa gr3 1264-1	pTa gr3 1276-1	pTa gr2 1303-1	pTa gr3 1350-1	pTa gr3 1354-1	pTa gr3 1482-1	pTa gr2 524-1	pTa gr2 692-1	pTa gr3 775-1	pTa gr3 989-1
200958_s_at	Hs.164 067	NM_005625: syndecan binding protein (syntlin)	280	157	427	250	263	503	287	318	254	233	487	204	438	369	431
201877_s_at	Hs.249 955	NM_002719: gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform b NM_178587: gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform c NM_178588: gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform d NM_001560: interleukin 13 receptor, alpha 1 precursor	77	55	125	80	73	132	95	111	47	108	182	83	134	74	114
201887_at	Hs.285 115	NM_001166: baculoviral IAP repeat-containing protein 2	197	222	247	136	214	189	187	187	276	170	238	240	282	211	249
202076_at	Hs.289 107	NM_007373: soc-2 suppressor of clear homolog	162	69	217	152	144	148	191	155	133	94	254	129	171	116	117
202777_at	Hs.104 315	NM_003563: speckle-type POZ protein	138	82	158	90	108	116	87	138	59	86	176	104	147	96	118
204640_s_at	Hs.129 951	NM_012161: F-	158	133	174	101	155	231	232	150	135	174	219	149	193	161	163
209004_s_at	Hs.554		124	84	186	100	111	118	155	141	144	135	245	79	158	88	183

Fig. 23

Table G

8	box and leucine-rich repeat protein 5 isoform 1	NM_033535; F-box and leucine-rich repeat protein 5 isoform 2	NM_015716; misshapen/NIK-related kinase isoform 1	NM_153827; misshapen/NIK-related kinase isoform 3	NM_170563; misshapen/NIK-related kinase isoform 2	NM_003925; methyl-CpG binding domain protein 4	NM_012164; F-box and WID-40 domain protein 2	NM_015125; capicua homolog	NM_015076; cyclin-dependent kinase (CDC2-like) 11	NM_018957; SH3-domain binding protein 1	NM_018695; erbB2 interacting protein	NM_012097; ADP-ribosylation factor-like 5 isoform 1	NM_177985; ADP-ribosylation factor-like 5 isoform 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
---	---	--	---	---	---	--	--	----------------------------	---	---	--------------------------------------	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Fig. 23

Table G

200958_s_at Hs.164 067	NM_005625; syndecan binding protein (synterin)	510	865	703	915	615	676	702	466	721	855	733	566	579
201877_s_at Hs.249 955	NM_002719; gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform a NM_178586; gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform b NM_178587; gamma isoform of regulatory subunit B56, protein phosphatase 2A isoform c NM_178588; gamma isoform of regulatory subunit B56, protein phosphatase 2A	263	223	253	255	172	213	256	135	270	287	226	210	194
201887_at Hs.285 115	isoform d NM_001560; interleukin 13 receptor, alpha 1 precursor NM_001166; baculoviral IAP repeat-containing protein 2	397	453	406	435	291	457	418	378	347	372	352	351	280
202076_at Hs.289 107	2 suppressor of clear homolog NM_003563; speckle-type POZ protein	250	216	276	287	319	241	282	270	352	249	217	275	295
202777_at Hs.104 315	NM_007373; soc- 2	185	235	191	253	135	240	225	242	230	265	176	228	177
204640_s_at Hs.129 951	NM_003563; speckle-type POZ protein	272	301	279	315	304	292	317	295	263	409	280	176	262
209004_s_at Hs.554 8	NM_012161; F- box and leucine- rich repeat protein 5 isoform 1 NM_033535; F- box and leucine- rich repeat protein 5 isoform 2 NM_015716; missshapen/NIK-	238	284	238	295	232	292	282	200	342	259	201	227	301
209241_x_at Hs.112 028		125	104	110	78	117	117	118	132	121	114	117	153	108

Fig. 23

Table G

209579_s_at	Hs.359	47	related kinase isoform 1	285	285	306	205	299	255	242	235	293	282	290	189	229
			NM_153827; misshapen/NIK-related kinase isoform 3													
			NM_170663; misshapen/NIK-related kinase isoform 2													
			NM_003925; methyl-CpG binding domain protein 4													
209630_s_at	Hs.444	354	NM_012164; F-box and WD-40 domain protein 2	151	270	166	240	284	201	219	173	199	177	162	220	170
212784_at	Hs.388	236	NM_015125; capicua homolog	135	100	135	87	132	115	107	136	132	127	140	142	125
212802_s_at	Hs.287	266		227	273	200	224	252	208	209	209	253	204	167	235	184
212899_at	Hs.129	836	NM_015076; cyclin-dependent kinase (CDK2-like) 11	246	214	183	219	212	170	227	266	183	180	170	191	211
213633_at	Hs.978	58	NM_018957; SH3-domain binding protein 1	104	98	118	65	120	107	109	123	147	127	138	143	91
217941_s_at	Hs.811	7	NM_018695; erbB2 interacting protein	184	310	232	316	348	285	226	275	301	228	297	290	219
218150_at	Hs.342	849	NM_012097; ADP-ribosylation factor-like 5 isoform 1	393	386	310	407	338	351	393	200	342	336	325	270	273
			NM_177985; ADP-ribosylation factor-like 5 isoform 2													

[illegible]

Fig. 24

Table H

M20030_l_at	Hs.505352	protein 1B (cornifin) Human small proline rich protein (sprl) mRNA, clone 930.	2,8	-1,3	2,3	7,2	2,6	4,4	-1,2	36,2	1,7	96,1
M21005_at	---	---	-2,9	-2,3	5,3	3,2	-26,1	-3,1	-18,5	5,5	-4,7	15
M21302_at	Hs.505327	Human small proline rich protein (sprl) mRNA, clone 174N.	7,1	-1,1	7,2	13,1	7,4	6,8	4,6	50,5	5,4	97,5
M21539_at	Hs.2421	small proline-rich protein 2C	-1,5	-1,6	-1,6	-1	-1,3	1,2	-1,1	1,1	2,6	17,4
M86757_s_at	Hs.112408	S100 calcium binding protein A7 (psoriasin 1)	4,4	4,1	6,2	108,4	3,2	3,8	2,7	45,5	-2,2	149,5
S72493_s_at	Hs.432448	keratin 16 (focal non- epidermolytic palmoplantar keratoderma)	7,4	2	21,9	7,1	7,5	9,1	7,4	13,6	3,1	71,1
U70981_at	Hs.336046	interleukin 13 receptor, alpha 2	-1,4	1,5	1,1	7,3	1,7	1	1,1	11,1	-1	-1,7
V01516_f_at	Hs.367762	keratin 6A	-2,4	-1,1	-1,5	5,4	-1,9	1,5	-1,2	18	1,5	40,7
X53065_f_at	---	---	1,2	-2	-1,9	1,5	-1,6	-1	-1,4	14,8	2,7	89,7
X57766_at	Hs.143751	matrix metalloproteinase 11 (stromelysin 3)	1,5	1,8	1,7	9,6	4,2	1,7	6,8	1,8	1,9	30,4

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.